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STATE NURSERY *And* SEED COMPANY

ESTABLISHED

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*"Helena
Violets"*

Spring

Catalog
1922

HELENA, MONTANA.



*Mrs. Frank Pendleton
Gladiolus*

*Ophelia
Rose*

*Orange King
Calendula*

*Lemon Queen
Calendula*

*Officinalis Rubra
Peony*

*Mina Burgle
Dahlia*

Oriental Poppies

ROSE - OPHELIA

One of the most called for roses for cut flowers in the floral world. A splendid garden rose and very floriferous. See under roses.

CALENDULAS

Commonly called Pot Marigolds. A great favorite for the open border and a splendid cut flower. See under flower; seeds.

PEONY

Officinalis Rubra. One of the best red Peonies grown. See Peonies - under Hardy Perennials.

ORIENTAL POPPIES

Salmon - Princess Victoria Louise - Bright Red - Oriental King. See Poppies under Hardy Perennials.

GLADIOLUS

Mrs. Frank Pendleton - one of the finest varieties of this stately favorite grown. See Gladiolus under general plant list.

DAHLIA-MINA BURGLE

This wonderful deep crimson Dahlia is becoming a great favorite wherever grown. See Dahlias - in general plant list.

T. E. MILLS
PRES. AND GENERAL MGR.

WALTER CARD, SECY.-TREAS.
MGR. SEED DEPT.

JOSIAH BOWDEN, JR.
CASHIER.

STATE NURSERY & SEED CO.
HELENA, MONT.
NURSERYMEN, SEEDSMEN, FLORISTS

Jan. 1, 1922

WISHING OUR MANY FRIENDS AND CUSTOMERS THE SEASONS GREETINGS

We herewith present to you our General catalog for 1922, with the earnest wish that you may find its pages instructive and useful, not merely a gathering together of advertised articles.

The numerous items listed, have been selected with the greatest care, every lot of seed is tested in the strictest possible manner, before being offered to our Customers. These records are always available.

The information furnished is secured from recognized experts in the various lines offered. We are always pleased to receive reports from our customers of results obtained in their various localities, with their accompanying conditions. This information is often invaluable, and we are always glad to receive photographs of good crops, together with the methods practiced, thus enabling us to answer intelligently enquiries regarding the culture of any crop suitable for this section.

We fully realize that it is not merely service (an over-worked word) that counts in the upbuilding of a business, but also the giving of FULL VALUE for every dollar received, and in the seed and plant business, every item true to name and description, so far as is humanly possible, bereft of all subterfuge and extravagant claims.

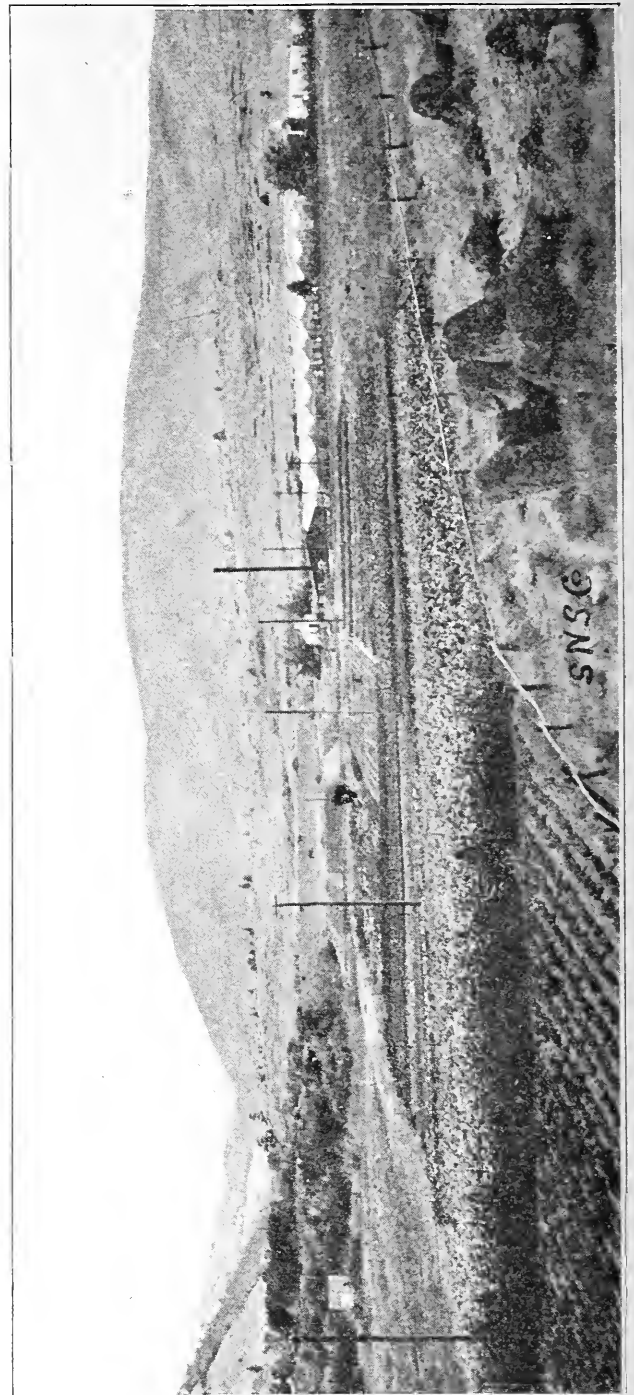
Thanking you (if you are an old customer) for your past patronage, and if you are for the first time a recipient of our catalog, hoping that you will become one of our satisfied customers,

We are

Yours to Command

STATE NURSERY & SEED CO.

THIRTY-ONE YEARS of experience in Montana for you to draw upon without stint. This can be offered you by no other firm.



These two photographic views give but an imperfect idea of the extent of **THE STATE NURSERY & SEED CO.'S** grounds. Situated as they are at the foot of the Great Divide of the Rocky Mountains, which show plainly in both pictures, their feet adjoining the nursery grounds, the location is perhaps the most ideal one that can be found in Montana, for the production of the hardiest plants and trees, which are demanded to withstand the rigorous climate of this state. There are 52 large greenhouses—comprising some 200,000 feet of glass, devoted entirely to the production of plants and cut flowers for our customers in this section. These are in the care of experts in their individual lines, often appearing to lavish the care of a parent on their charges. The lower cut shows a portion of our trial grounds, where exhaustive tests are made yearly of standard and new introductions. The range of glass in this picture, consisting of 14 large greenhouses, is devoted entirely to the growing of Carnations for cut flowers. The upper cut is a small photograph of the entire greenhouse and Nursery plant. Visitors—especially those friends and customers from a distance are always welcomed at the plant.

THIS ISSUE CANCELS ALL PREVIOUS ISSUES

PLANT DEPARTMENT

IMPORTANT—READ CAREFULLY

PLANTS BY EXPRESS

We always advise express for plants because we can send larger plants this way than by mail. Unless instructed to the contrary, we send pot grown plants in their pots, but it saves expressage to ship without pots, not merely because of the lessened weight, but by reason of the special discount allowed by the express companies on plants out of pots; so if you want plants without pots, please say so, and when received, customers should see that they get the special discount of 20 per cent from the ordinary express rate. We always enclose extra plants of our own selection only, to aid in defraying express charges on orders not sent postpaid.

IMPORTANT

PLEASE REMEMBER THAT THE CUSTOMER PAYS THE EXPRESS, FREIGHT OR POSTAGE ON EVERYTHING IN THIS CATALOGUE UNLESS OTHERWISE STATED. NOTE—POSTPAID PRICES—WHERE QUOTED—COVER NOT ONLY ACTUAL POSTAGE, BUT THE COST OF PACKING, ETC.—READY FOR SHIPMENT. THESE PRICES CANNOT BE DEVIATED FROM ON MAIL (PARCEL POST) SHIPMENTS. PLANTS BY PARCEL POST ARE SENT WITHOUT POTS.

HOW TO SEND MONEY

Send cash with order—by **Personal Check—Draft—Post Office or Express Money Order—or in stamps for small amounts.** We do not open book accounts for small amounts. Registered letters can be sent from any Post Office, and the receipt returned to you, by return mail, when you know that it has reached us.

PARCELS POST

Most plants can be sent by parcels post, and the smaller trees and shrubs also. Wherever possible we have given postpaid prices. *We cannot, however, be held responsible after delivery to the postoffice or express company, and we must in all cases be the judge of the best method of shipment.*

All Orders are Acknowledged the day they are received by us, and number of same sent you.

If you do not receive your order as quickly as you feel that it should arrive, please to remember—that all orders are filled in rotation—that possibly your order is a little early and some part of it is not quite ready to ship, or the weather may be too cold to ship with safety, etc., etc.

IN WRITING WITH REFERENCE TO AN ORDER, ALWAYS REFER TO THE NUMBER FURNISHED YOU ON CARD ACKNOWLEDGING THE ORDER. THIS IS IMPORTANT.

CATALOGS ISSUED

JANUARY—Our complete general catalog, covering everything for the Farm and Garden—profusely illustrated. (This one.)

EASTER—A special Flower and Plant List, of Plants and Cut Flowers for Easter decorations and remembrances to friends.

MOTHER'S DAY—The second Sunday in May. A special list of Cut Flowers—issued about May 1st.

DECORATION DAY—A special list of Cut Flowers—Wreaths—Plants, etc., for this National Memorial Day.

FALL—SEPTEMBER—A catalog of Dutch, French and other bulbs, for fall planting and winter plants for the house.

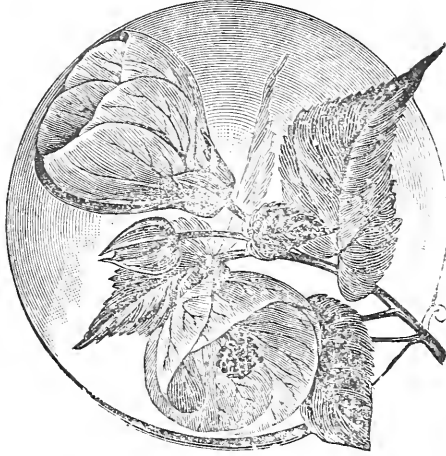
THANKSGIVING DAY—A special list of Cut Flowers, Plants, etc., for this great national holiday.

CHRISTMAS—A special list of Plants, Cut Flowers, Evergreens, suitable for Xmas decorations, and remembrances of the joyful occasion to your friends.

A postcard will bring you any of these in its season.

ABUTILON (Flowering Maple.)

A very desirable free-flowering plant for house culture. Succeeds under usual care and always presents a fresh appearance.



Abutilon

Snowdrift—The best white.

Splendens—A handsome rose color.

Pink Beauty—Pale pink

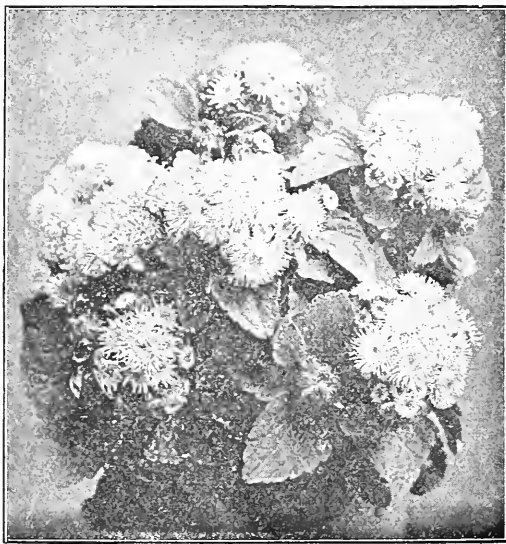
Savitzi—A variegated foliage Abutilon.

Golden Fleece—Pure yellow.

Crusader—A Brilliant Red.

Each,
3-inch, 20c; 4-inch, 25c;
5-inch, 35c.

Each (Postpaid),
3-inch, 25c; 4-inch, 35c;
5-inch, 45c.

**AGERATUM (Frazerii.)****AGERATUM**

Frazerii—A new introduction and most desirable dwarf border bedding plant with large clusters of beautiful blue flowers.

Each, 15c; doz., \$1.50; postpaid, each 20c; doz., \$1.75.

ALOYSIA (LIPIA) CITRIODORA.

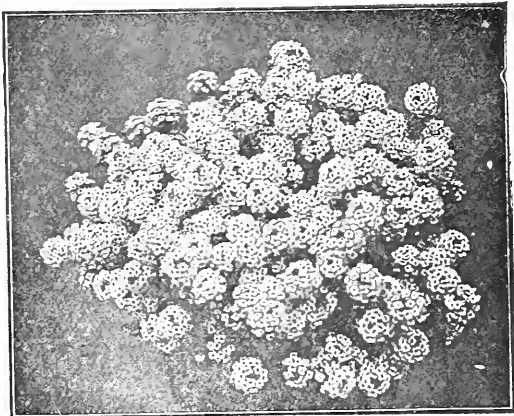
Lemon Verbena—An old favorite and should be in every garden. Lemon scented foliage.

Each 20c and 30c; postpaid, 30c and 35c.

ALYSSUM.

Little Dorritt—A single Sweet Alyssum, of great value for borders and small beds.

Each 10c; doz., \$1.00
Each (Postpaid) 15c; doz., \$1.15

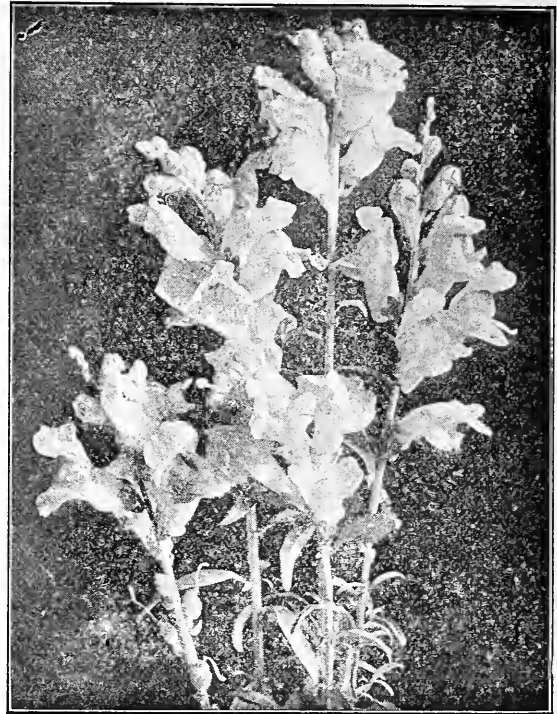


Sweet Alyssum.

ALYSSUM.

Double—An excellent variety for borders, window boxes, and urns.

Each 10c; doz., \$1.00
Each (Postpaid) 15c; doz., \$1.15

**ANTIRRHINUM (Snapdragon.)**

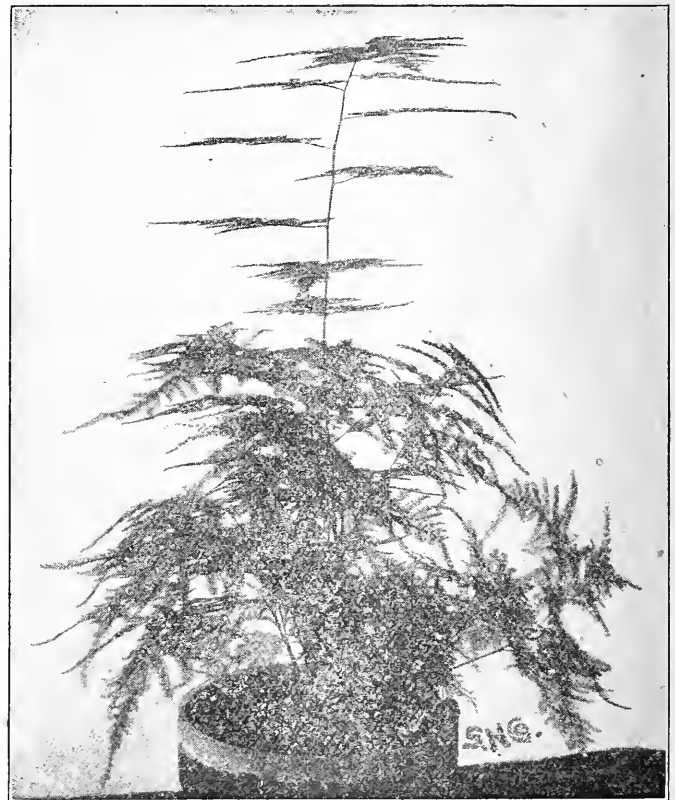
A very desirable and satisfactory plant for the garden, a very free bloomer and excellent for cutting. Colors white, pink, yellow and red.

Pot Plants, each 15c; doz., \$1.50

Pot Plants (Postpaid) each 20c doz., \$1.75

Seedlings, transplanted from boxes (mixed) dozen 50c

Seedlings, transplanted from boxes, (mixed, postpaid) dozen 60c

**ASPARAGUS PLUMOSUS.**

Asparagus Plumosus (Asparagus Fern)—Owing to its graceful foliage and ease of culture, this is perhaps more in demand than any other house plant. We grow these in thousands. The smaller plants listed are the right size for Table Dishes, while the larger are suitable for Jardinieres, etc.

Each 25c, 35c and 50c

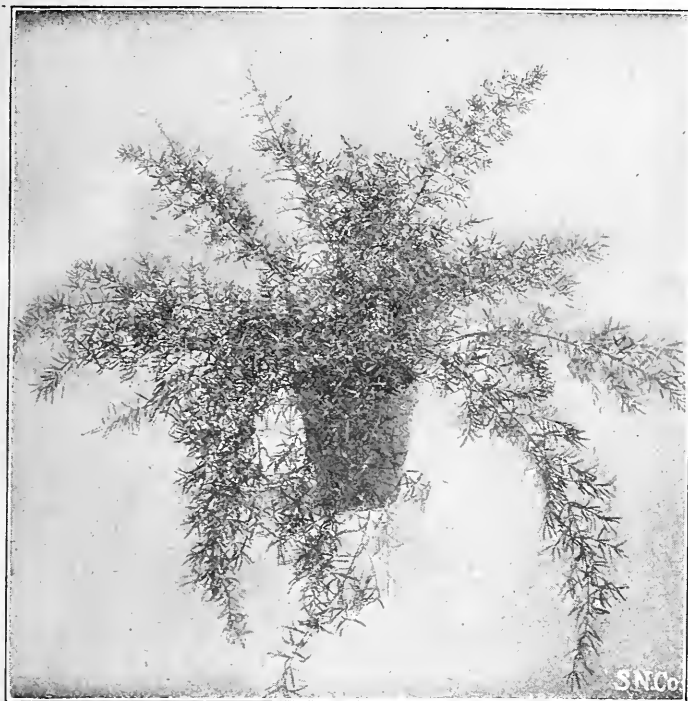
Each (Postpaid) 30c, 40c and 60c

ASPARAGUS SPRENGERI. (See Next Page)

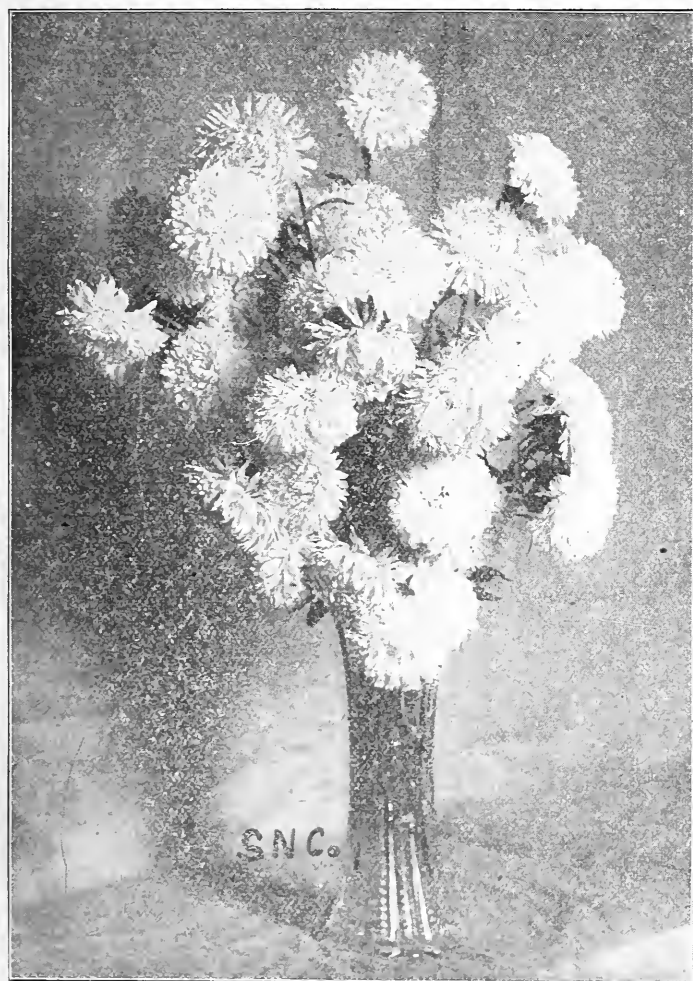
Of great value for hanging baskets and for cutting. Of very easy culture requiring good soil and free watering.

Each 25c, 35c, 50c

Each (Postpaid) 30c, 40c, 60c



Asparagus Sprengeri



Late Branching Aster.

ASTERS.

Our strains of Asters are unsurpassed by any, and are prize-winners whenever exhibited. Sturdy plants of the early mid-season and late branching varieties. Colors: Pink, Shell-pink, Red, White, Lavender and Purple. Ready May 10. Doz., 50c; (Postpaid)60c

BEGONIAS

Begonias are one of the best known and most popular house plants today. With their magnificent range of colors both in bloom and foliage and many of them of the most floriferous nature even under adverse conditions, it is little wonder that they are in such great demand. Our collection embraces the best varieties known to the trade.

Argenta Guttata—Brilliant bronze green foliage spotted with white and white flowers.

Thurstonii—A great favorite with red veined foliage on under side of leaves. Flowers a bright shell pink.

Frima Donna—Another variety of late introduction, very free flowering, with rose colored blooms, shading to a carmine at the centre.

Erfordii—A well known type, almost always in bloom, easily grown, with glossy green foliage. In white or pink.

Wellingtoniensis Rubra—An old variety, which is again becoming in great demand, with beautiful dark green foliage, and red flowers. A continuous bloomer, of very bushy habit of growth.

Sandersonii—Scarlet, a winter bloomer.

Luminosa—Brilliant dark scarlet, a constant flowering variety.

Metallica—Velvety foliage, rosy white bloom.

Rubra—Deep coral pink flowers, foliage a bronze and green.

Any of the above varieties, each, 25c, 35c and 50c.

Postpaid, 30c, 40c and 60c.

Glorie de Châtelaine—An acquisition of great merit, with rosy pink flowers, produced in great profusion. A wonderful Xmas Begonia.

Priceeach 25c and 50c

Postpaid35c and 60c

Glory de Cincinnati—A late introduction of great merit, with bright pink flowers, borne very profusely in clusters, one of the best Xmas bloomers.

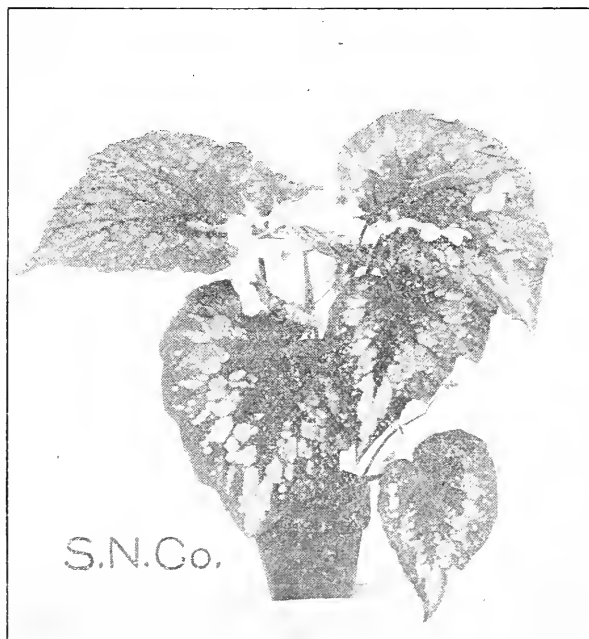
Each\$1.00

Postpaid\$1.25

Melior—Another very handsome new variety with deep pink flowers, blooming very freely, and one that is in great demand everywhere.

Each\$1.00

Postpaid\$1.25

**BEGONIA REX.****Rex or Painted Begonias.**

The REX or Painted Leaf Begonias, as they are known, are one of the handsomest and showy house plants that can be grown. Their wonderfully colored foliage never fails to awaken admiration, and they are of easy house culture. The varieties listed below are selected from the finest sorts known.

Kaiser Wilhelm—Deep velvety green leaf with darker edge.

Mrs. A. G. Shepard—Silver leaves marked with other pretty shades.

Walter Lamb—Rich green and silvery white.

Louis Closson—A beautiful bronze.

Each, 35c, 50c; Postpaid45c, 60c

NOTE—Postpaid prices—where quoted—cover not only actual postage, but the cost of packing, etc., ready for shipment. These prices cannot be deviated from on mail (Parcel Post) shipments.

CHRYSANTHEMUMS



Type of Large Flowering Varieties.

CHRYSANTHEMUMS.

Owing to the early frosts of this section, it is impractical to grow these most beautiful of all fall plants to maturity in the open ground. But they can be successfully grown in the garden until September, when they should be lifted and potted. Then in the house, they will give a wealth of bloom and beauty that will more than repay for the slight trouble entailed.

NEW VARIETIES—LARGE FLOWERING.

- Sunray**—A handsome large early yellow.
Sunglow—A bright sun yellow, early mid-season.
Sir Ketchworth—A beautiful incurved pink, mid-season.
Smith's Imperial—A distinct early white of fine form.
Betsy Ross—A grand, early mid-season white, one of the finest yet introduced.
Bicci—A rich bronze color, mid-season.
Rose Perfection—A new early pink.
Pink Turner—Identical with the old favorite White Turner excepting in color, a clear bright pink.
Prices of the above new varieties, each 25c; postpaid, 30c

OLDER LARGE FLOWERING VARIETIES.

- Richmond**—Bright golden yellow.
Tiger—A fine yellow of unusually fine color. This variety was named by President Wilson.
Wm. Turner—Snow white, of enormous size. One of the largest whites known.
Yellow Wm. Turner—Identical in form and size with White Turner, except in color, which is a bright yellow.
Oconto—A beautiful white.
Chieftain—A large incurved pink. A handsome flower.
Golden Glow—A pretty golden shade, flowers from six to eight inches across. October.
Chadwick—Christmas flowering; white tinged with pink.
Golden Chadwick—Lovely Golden yellow; Christmas flowering.
Maj. Bonnaillon—A beautiful incurved glossy yellow. One of the best.
August Dasse—Golden yellow, strong stems.
White Chieftain—Large incurved white. November.
Chrysalora—A large incurved, yellow; strong and robust.
Chas. Razar—A fine large white, splendid stem and foliage.
Pattie—A very delicate pleasing shade of pink.
Hamburg Late Pink—A good, large, late variety, a favorite with commercial growers.
Sidewitz—Another favorite with the commercial grower; large pink.



Single Chrysanthemums.

FANCY SINGLE VARIETIES.

These fill a unique position in that they come between the larger standard varieties and the pom pons.
Emilie—A soft rose pink and lasts well.
Mensa—Purest white; a splendid variety.
W. Buckingham—A grand vigorous pink.
Golden Mensa—New and proving popular.

POMPON CHRYSANTHEMUMS.

Small flowering and valuable for cutting. Make dainty and picturesque house plants, the masses of bloom being pink, white, yellow and bronze.
Sunshine—A beautiful yellow of dwarf habit. New.
Elva—Choicest white pompon.
Acto—Bright rose.
Mrs. Frank Beu—The favorite of all the Pompons. Color a reddish yellow.
Lillian Doty—Large pink, a splendid sort.

EARLY FLOWERING VARIETIES.

(Especially Adapted for Pot Plants.)

- Kathleen Thompson**—Crimson.
Source d'Orr—Orange, shaded gold.
Butlers Caprice—Rosy pink.
White Cap—Pure white.
Yellow Cap—Pure Yellow.
Lizzie Aacock—Deep yellow.

Prices for Chrysanthemums (excepting new varieties)—Plants ready March to July:

Each	15c; doz., \$1.50
Each (Postpaid)	20c; doz., \$1.65

CANARYBIRD VINE

The demand for this lovely climber is always a large one owing to its great suitability for porches and trellises. Most persons prefer plants well started to the uncertainty of seeds planted out of doors.

Each	10c; doz., \$1.00
Each (Postpaid)	15c; doz., \$1.15

Lehigh, Mont., July 9, 1921.

State Nursery & Seed Co.,
Helena, Mont.

Gentlemen:—The plants I ordered some time ago arrived in fine shape. They were a big surprise to me, as I was not expecting plants half as large or nice for the money I sent.

Mrs. R. E. Ford.

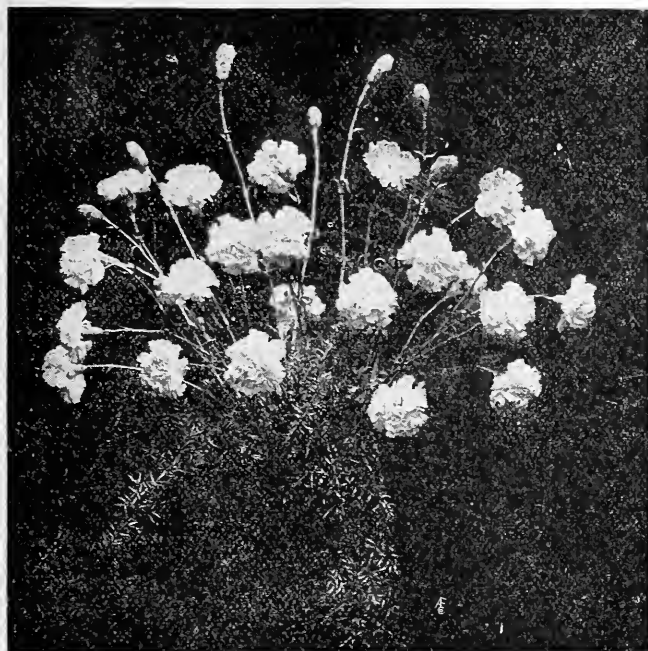
Cody, Wyo., June 24, 1921.

State Nursery & Seed Co.,
Helena, Mont.

Gentlemen:—I wish to thank you for the prompt shipment of my late order—and for the two year plants sent. They were fine specimens and reached me in good condition, and I assure you I appreciate the same. In fact—all the goods received from your house for the past five or six years have proved very satisfactory.

Very truly yours,
Geo. P. Soth.

CARNATIONS



Carnations.

Carnations are today the most popular flower grown in this country and are more in demand for cut flowers than any other. Something of the enormous demand for these flowers may be gathered by our readers when it is realized that we devote one entire range of glass—requiring about 50,000 plants to fill the beds, to the production of this flower alone, to supply the wants of our customers. The following list comprises the cream of these fragrant flowers. The young plants can only be supplied from May 15th to July 15th.

CARNATIONS—Late Introduction.

Ladale—This is a wonderful new variety, of a beautiful shade of pink, and has taken all who have been privileged to see it, by storm. The flowers are unusually large, and borne on long, strong stems. Young plants, each, 35c, postpaid.

Era—A beautiful pink Carnation, of splendid substance and form. One of the best pink varieties introduced.

Each 37c

Red Matchless—A splendid red Carnation, equal in beauty, form and size to the well known White Matchless.

Each 37c

CARNATIONS—White.

Matchless—Well named! The Matchless White. Flowers extremely large and wonderfully fragrant.

White Wonder—"The largest and most productive white," and very popular.

Each, 20c; postpaid 27c

Doz., \$2.00; postpaid \$2.25

CARNATIONS—Scarlet.

Beacon—One of the best scarlet Carnations we know of.

Belle Washburn—A beautiful brilliant red.

Nebraska—A wonderful scarlet carnation.

Each, 20c; postpaid 25c

Doz., \$2.00; postpaid \$2.25

CARNATIONS—Pink.

Alice—A beautiful shade of clear blush pink; flowers when fully developed 2 to 3½ inches.

Mrs. C. W. Ward—Deep pink.

Enchantress Supreme—Salmon pink.

Superb—A handsome salmon pink. Very large and free flowering.

Benora—Variegated variety, white, marked with red, long, stiff, erect stems, with large blossoms.

Each, 20c; postpaid 25c

Doz., \$2.00; postpaid \$2.25



Bed of Cannas—Yard of T. C. Power Esq., Helena, Mont.

These wonderful plants, while semi-tropical both in effect and nature, can nevertheless be grown in most sections of Montana. Do not attempt to get their beauty by planting the roots in the open ground. Secure started plants in good growth from the greenhouse, and plant when safe from frost, thus gaining additional time for their growth. Give them plenty of well rotted manure and water, with a sunny exposure and they will make the best semi-tropical showing of any summer plant for this state. Take them up immediately frost cuts back the tops and treat same as Dahlias.

Duke of Marlborough—3 feet, green foliage flowers a bright crimson maroon.

King Humbert—The best of the bronze leaved type—with scarlet flowers and beautiful rich bronze foliage.

Madam Crozy—One and a half to two feet, with scarlet and yellow flowers and green foliage. One of the very best dwarf types.

Mrs. Alfred Conard—3 feet, flowers rich salmon pink with green foliage.

Yellow King Humbert—3 feet, flowers a golden yellow spotted with red, and green foliage.

Any of the above varieties each, 25c; postpaid 30c; per doz., \$2.50; doz., postpaid, \$2.75.

CINERARIA

We can supply magnificent specimens of this elegant house plant in bloom from December to March. A most beautiful gift plant in a rich variety of color.

Each 50c and 75c

Postpaid 75c and \$1.00

COLEUS.



Xmas Gem.

Christmas Gem—A beautiful variety with red and maroon colored foliage and producing enormous leaves, often 5 to 7 inches in length. It attains its full beauty in winter—thus differing from other varieties.

Each 25c, 50c and \$1.00

Postpaid each 35c, 60c and \$1.25

Trailing Queen—A beautiful trailing variety, highly colored and very suitable variety for hanging baskets.

Each, 15c; postpaid 20c

Collections of 6, 75c; postpaid 90c

Larger plants each, 25c; postpaid 50c

Fancy Varieties—Collection of 6 varieties in beautiful shades of crimson, velvety maroon and yellow.

CREEPING CHARLIE.

(Linaria, Kenilworth Ivy.)

A beautiful creeper suitable for baskets, vases, trailing around the window or rock work.

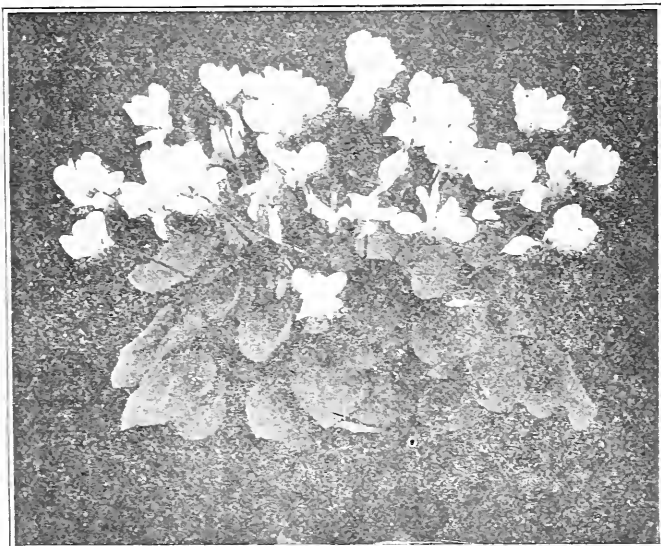
Each10c; postpaid. 15c

CUPHEA IGNEA.

(Cigar Plant.)

Plant is covered with bright scarlet flowers and makes a very attractive house plant. The plants are useful for vases or basket decorations.

Each20c; doz., \$2.00
Each (Postpaid)25c; doz., \$2.25

**CYCLAMEN.**

Cyclamen are perhaps the finest and most satisfactory winter blooming plants grown. They possess great beauty of both foliage and flower, and are of the most easy culture. They are in bloom from fall until early spring, and for winter gifts are unequalled. We can supply plants in bloom from November to March 1st. Colors—Red, Pink, Salmon Pink, and White. Each—\$1.00; \$1.50; \$2.00; \$3.50; \$4.00. Dormant or semi-dormant bulbs can be supplied from March to June 1st only, at 25c and 50c each.

CYPERUS ALTERNIFOLIUS—(Umbrella Plant.)

An unusually fine plant for decorative purposes of extremely easy culture. Requires plenty of water and may be grown as a semi-aquatic.

Each25c to 50c
Postpaid30c to 60c



Cyperus Alternifolius.

DAHLIAS

The list of these exquisite and free flowering plants which we offer, is composed of the sorts which we have found after careful test to be best suited to this climate. In case the stock of dormant roots is exhausted of some varieties, we supply good strong plants from 4-inch pots. In many sections these are used almost exclusively.

CULTURE.

Plant in a well drained position and where they will receive the greatest amount of sunshine. They require plenty of fertilizer added to the soil before planting. Well decayed manure is very satisfactory as a fertilizer. Do not set out plant until all danger of frost is over. This should be specially noted in the case of potted plants. Dahlias should be lifted immediately after the first killing frost and stored in a cool place over winter.

(FOR PRICES OF DAHLIAS SEE PAGE 8.)

SHOW AND DECORATIVE TYPES.

Le Grand Manitou—A gigantic flower of white, striped and splashed with reddish violet. The largest and best decorative dahlia. (See next page.)

Wm. Dodds—Very large clear yellow.

Dorothy Peacock—Clear, live pink.

Glorie De Guiscard—A combination of orange, red, yellow, pink and white. Very novel.

Norma—Bright orange, free flowering.



New Show Dahlia—Elsie Burgess.

This new Dahlia, offered for the first time last spring in Montana, is undoubtedly one of the finest novelties in Dahlias that has been introduced. The flowers, which are borne in the greatest profusion, are of a white ground, suffused and tipped with a bright lavender. They are carried on long stiff stems, adapting this variety to cut flower uses better than any other variety known, and last for days in water after cutting.

Mina Burgle—This grand Dahlia is clear deep scarlet in color, a veritable ball of fire. We cannot recommend it too highly. It is much used by the florists as a cut flower, keeping well after being cut, and harmonizing well with any other flower. (See next page.)

Wm. Dodds—Very large clear yellow.

Oban—A fine mauve.

Mrs. Winters—Pure snow white, very large.

Storm King—White; one of the best.

A. D. Livoni—Light pink; very fine for cutting.

Le Phare—Rich red.

Delice—Bright pink, suffused with lavender pink.

Reggie—Cherry red, very large flowers.

Clifford W. Brutton—Large bright yellow.

Capt. of Marocn—The leader in its color.

Jack Rose—The best red of all.

Meteor—Deep red; fine form.

Maid of Kent—Cherry red, tipped with white.

Lucy Fawcett—Pale yellow, striped with pink.

Arabella—Pink, suffused with lemon yellow.

Mrs. Dexter—Large orange red.

Elegans—Beautiful large magenta.

Robert Bronfield—Pure white, large flowered.

DAHLIAS—Continued.

Souvenir de Gustav Douzon—One of the largest Dahlias grown. Specimen flowers of this variety have been produced measuring 9 in. in diameter. Orange red in color, and of perfect form.

John Walker—A splendid white of exceptional value.



Mina Burgle—Decorative Type.

FOR PRICES ON DAHLIAS SEE PAGE 3



La Grand Manitou—Decorative Type.

CACTUS DAHLIAS.

These are of a lighter formation and much used for cut flowers.

Mrs. W. H. Raby—Cream white, large.

Sparkler—Very bright scarlet.

Spitfire—A fiery scarlet.

Shooting Star—Pure yellow with very fine form.

Brunhilda—Dark Maroon.

Jamaica—Rich plum color.

J. H. Jackson—The best Dahlia yet out; almost black.

Harbor Light—Orange red overlaid with flame color.

Tos Abelin—A brilliant fiery red; a fine, large, refined flower of perfect incurved form; produced in the greatest profusion on long, stiff stems. A fine cut flower.

Earl of Pembroke—Bright plum color. Very fine.



Sparkler—Cactus Type.

Goldland—A primrose, yellow of great merit.

H. P. Robinson—Clear golden yellow.

Iceberg—Ivory white.

Alight—Rich orange scarlet.

Schneekoenigin—
Snow Queen—
Pure glistening white, with most perfectly arranged petals. A very valuable variety for cut flowers.

For Price of Dahlias
See Page 3.

PEONY FLOWERED DAHLIAS.

This beautiful type has large artistic flowers, best compared to the semi-double peonies in general form. They all flower very freely and are borne on long strong stems, making excellent material for cutting and delightfully fragrant.

Rheingau—Showy brilliant scarlet.

Geisha—The showiest and most attractive of this type yet introduced; of an effective and rich combination of scarlet and gold.

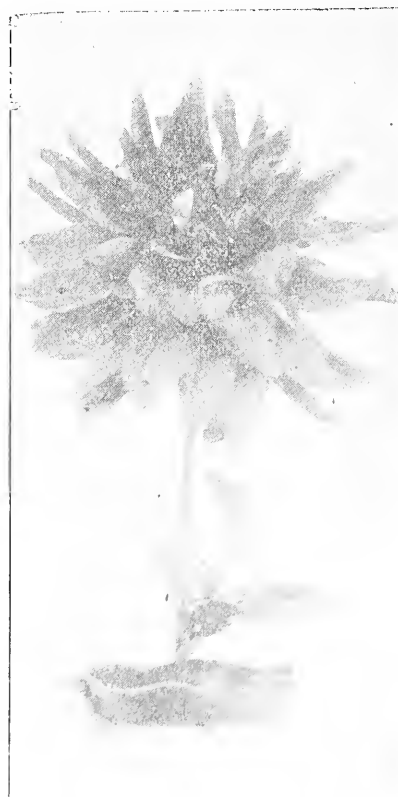
Glory of Baarn—Soft pink.

La Rainte—Charming lavender pink.

Phenome—Rosy salmon shaded yellow.

Queen Emma—Pink, inner petals banded with gold.

See Next Page for
Prices on
Dahlias.



Rheingau—Peony Flowered Type.

DAHLIAS—Continued

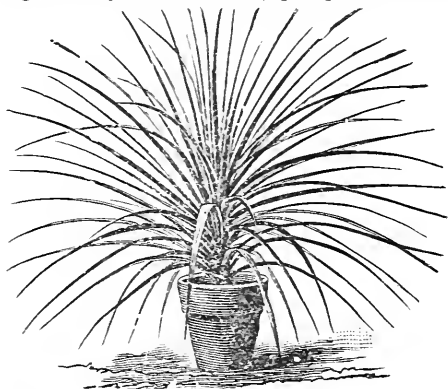
PRICE OF DAHLIAS.

1-year old roots each 30c. Postpaid, 35c.
 1 year old roots, per doz. \$3.00. postpaid, \$3.50.
 Plants from 4-inch pots each 30c. Postpaid, 35c.
 From 4-inch pots, per doz. \$3.00; postpaid, \$3.50.
 Plants from 3-inch pots each 20c. Postpaid, 25c.
 From 3-inch pots, per doz. \$2.00. postpaid, \$2.50.

SPECIAL COLLECTIONS.

For those of our customers who are desirous of a selection of real merit, we offer the following superb collections:—
Mina Burgle, A. D. Livoni, Capt. of Maroon, Le Phare, Maid of Kent, Elegans. All postpaid for only \$1.75.

1 each of the following six Cactus Dahlias:
Sparkler, Mrs. W. H. Baby, Spitfire, Jamaica, Brunhilda, Harbor Light. 1 year old roots, postpaid for only \$1.75.



Dracena Indivisa.

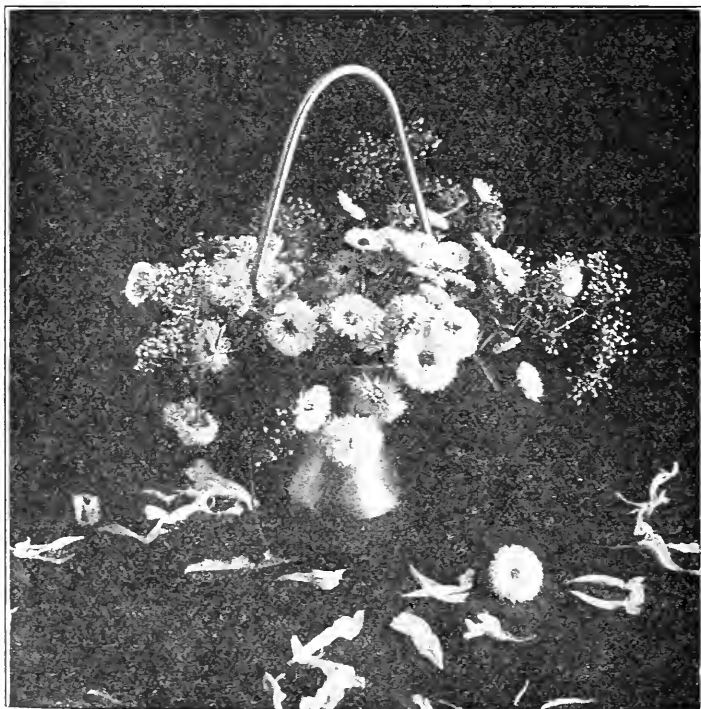
DAISES.

Bellis Perennis—English Daisy.

1 each of the following six Peony flowered Dahlias:
Reingau, Geisha, La Rainte, Glory of Baarn, Phenomene, Queen Emma.
 The set of six from 3-inch pots for only \$1.00. Postpaid, \$1.15.

DRACENA.
(Indivisa.)

Tropical looking foliage and extensively used in outdoor vases or on porch. Each, 25c. 50c. \$1.00. Postpaid, 35c. 65c and \$1.25.



DAISES.

Like Pansies—the Daises for beds or borders in the garden or cemetery are very much in demand. Blooming plants in pink or white ready May 1st.

Dozen60c
 Dozen (Postpaid)75c

State Nursery & Seed Co. Gildford, Mont. March 11, 1921
 Helena, Mont.

Gentlemen:—The Ferns I received about a year ago have done wonderfully, and are the talk of the neighborhood. Must have another order to get well started for next spring.

Mrs. T. J. Brennan.

State Nursery & Seed Co. Great Falls, Mont. March 11, 1921
 Helena, Mont.

Gentlemen:—I have used your shrubs and flowers for three years now, with great success—far better than some bought from the east. Kindly ship enclosed order by express.

Allan McLean.

FERNS



Adiantum Cuneatum.

Adiantum Cuneatum—The True Maiden Hair Fern. One of the handsomest Ferns in existence, and well known from its great use in bridal bouquets.

Each25c and 50c
 Each (Postpaid)30c and 60c



Aspidium Tussimense.

Aspidium Tussimense—A great favorite for Fern Dishes, and one of the best.

Each20c and 35c
 Each (Postpaid)25c and 45c

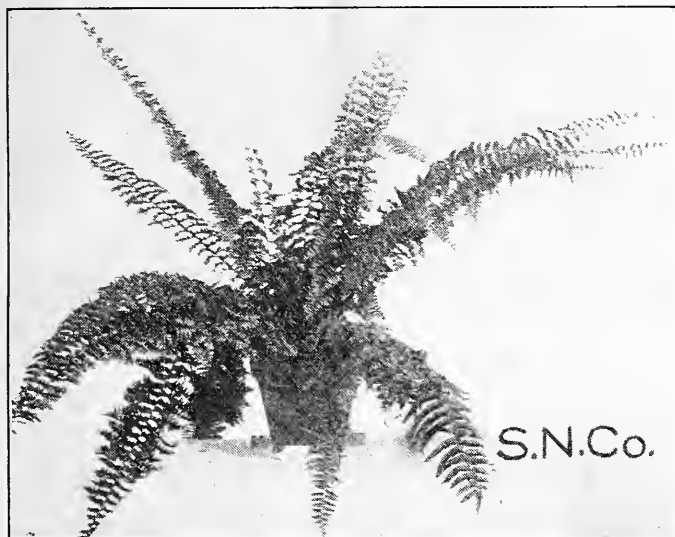
Nephrolepis Elegantissima (The Tarrytown)—Another fancy Boston and a very valuable addition where fine foliage is desired.

Each25c. 35c. 75c. \$1.50 and \$2.50
 Postpaid30c. 45c. 85c. \$1.75 and \$2.75

The \$2.50 size are best shipped by express.

FERN DISHES—FILLED

Prices according to size of dish and number of Ferns used. Usually from 75c to \$1.50. We also carry a complete stock of Fern Dishes, each \$1.00, \$3.00, \$5.00, \$7.50. By express only.

**Boston Fern.**

Nephrolepis Bostoniensis—(Boston Fern)—This is the general favorite with all lovers of house Ferns. More plants of this have been sold than of any other one variety, and the demand is still increasing. To meet the constant demand for plants suitable for presentation to friends, we have a "SPECIAL" in this type.

Each25c, 35c, 50c, 75c, \$1.00, \$1.50
 Postpaid35c, 45c, 60c, 85c, \$1.20, \$1.75
 SPECIAL For presents, each.....\$2.50 to \$4.00

**Pteris Serrulata Crestata.**

Pteris Serrulata Crestata—A crested type of Serrulata and very attractive.

Each25c and 35c
 Each (Postpaid)30c and 45c

Pteris Serrulata—Very ornamental.

Each20c and 35c
 Each (Postpaid)25c and 45c

Pteris Alba Lineata—Cream striped foliage.

Each20c and 35c
 Each (Postpaid)25c and 45c

Pteris Wimsetti—A beautiful crested variety.

Each20c and 35c
 Each (Postpaid)25c and 45c

**Cyrtomium Rockfordianum—(Improved Holly Fern.)**

Cyrtomium Rockfordianum—The improved Holly Fern. The leaves are pointed and notched, resembling very closely the Holly leaves. A splendid fern for the house.

Cyrtomium Falcatum—The popular Holly Fern. Very suitable for Fern Dishes and makes a perfect specimen plant. The leaves are thick and a beautiful holly-green color.

Each20c, 35c, 75c, \$1.50
 Each (Postpaid)25c, 45c, 90c, \$1.75

Polypodium Aureum—(Rabbits Foot Fern)—An old favorite, of very easy culture, tall growing and very graceful.

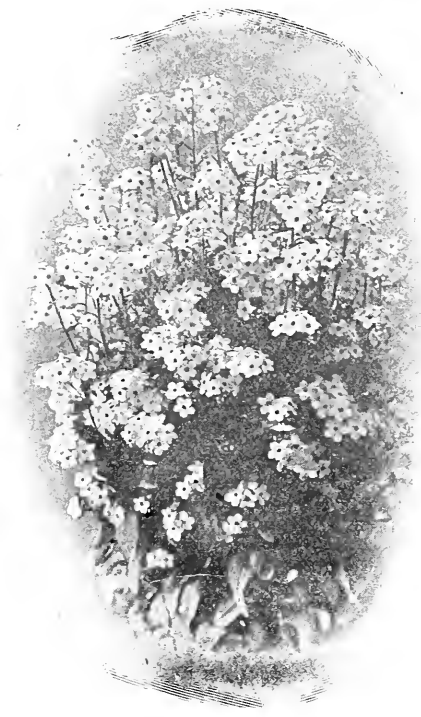
Each, 50c; postpaid65c
 The larger sizes by express only.....\$1.00 and \$2.00

**Pteris Tremula.**

Pteris Tremula (Lace Fern)—Splendid for the house.
 Each 4-inch only 50c; postpaid65c

FORGET-ME-NOT

(Mysostis Palustris.)



Forget-Me-Not

This is an improved strain of this old favorite, and wonderfully free flowering. Each, 15c; doz., \$1.50. Postpaid each 20c. doz., \$1.65.

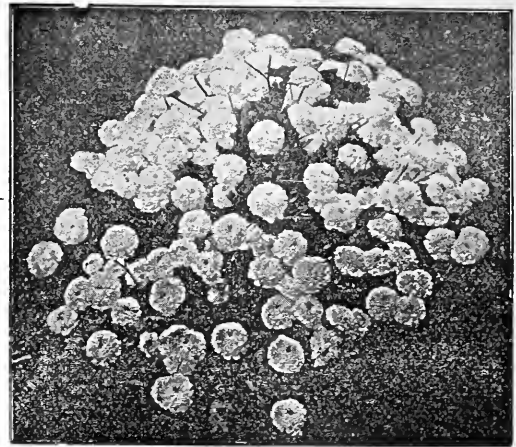
FUSCHIAS.

A favorite with our grandmothers and a favorite still. With their wonderful combinations of color and free flowering proclivities they are also of very easy house culture and may be depended upon to bloom all summer. The following named varieties are the best known to the trade.

Trailing Queen—A handsome trailing type exceedingly floriferous with purple corolla and flesh colored tube and sepals. A most effective plant for hanging baskets and window boxes.

Black Prince—Red, single.
Chas. Blanc—Deep red and rose, single.
Lustre—White and scarlet, single.
Mrs. E. G. Hill—White and red.
Phenomenal—Red and purple, large, double.
Trophee—Double purple corolla, crimson tube and sepals.
Little Beauty—Beautiful red sepals with purple corolla, single.
Lord Byron—Single variety, superb shades of red and deep purple.
Teuner—Very red sepals with light purple corolla.
White Beauty—Red sepals with white corolla, single.
Speciosa—Single, with pink sepals and red corolla.

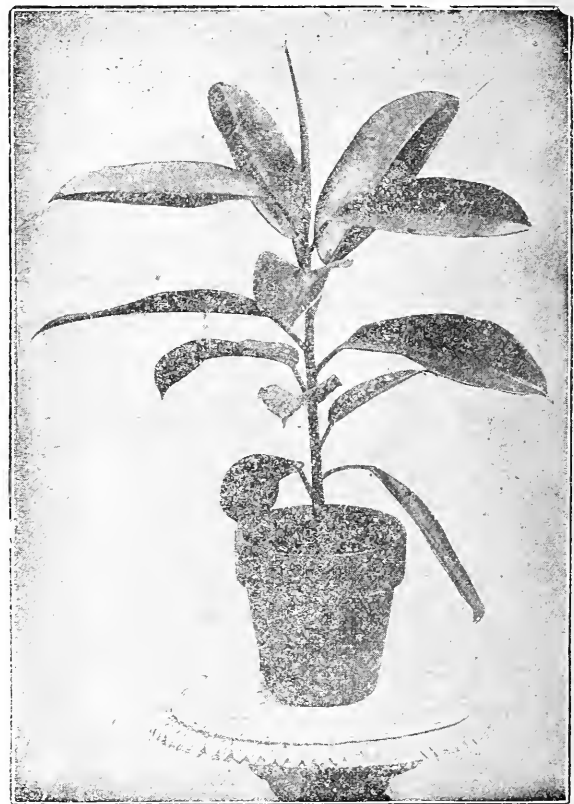
Each, 20c; postpaid30c
 Doz., (Postpaid)\$2.75
 Larger Plants,35c and 50c

**FUSCHIA—Trailing Queen****FEVERFEW.**

(Matricaria.)

Another old favorite, blooming continuously through the summer and fall, with double white flowers, very freely produced.

Each15c; doz., \$1.50
 Postpaid20c; doz., \$1.75

**Ficus Elastica.****FICUS—(Rubber Plant.)**

Ficus Elastica—Admirable for the house and easily taken care of.
 Each75c and \$1.50

GENISTA (Cytisus) FRAGRANS

A simply beautiful and highly fragrant early spring blooming plant of bushy habit and extremely free flowering nature. The flowers are yellow, of small pea flower shape, and borne in spikes which almost cover the plant. In great demand for Easter decoration.

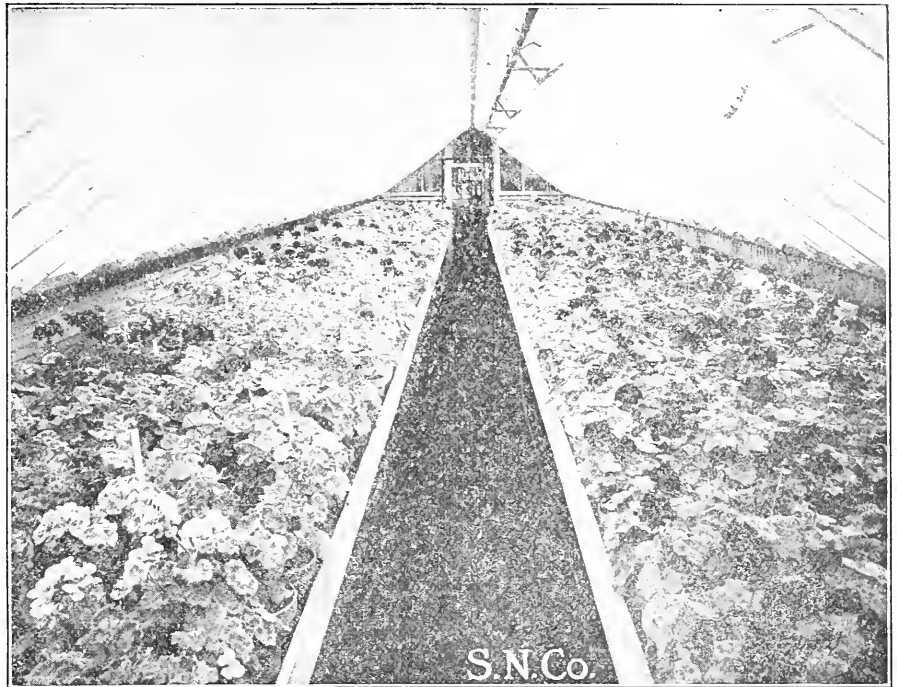
Large size, \$1.00; by express only.

GERANIUMS

The following list of these popular plants both for house use and bedding purposes will be found to contain only the best and most desirable varieties known. We are constantly testing and trying out new varieties, and only when we have proved them suitable for this section do we add them to our list.

STANDARD VARIETIES. (Double.)

Helen Michell—This is an introduction of great merit. It is a semi-double, of a clear scarlet color, with very large florets and truss. Foliage a lustrous green, of a bushy compact habit of growth. Very early and free bloomer.
Alphonse Ricard—Bright Vermilion.
E. H. Trego—Beautiful dazzling scarlet.
Beautie Poitevine—Salmon pink, the best of its color.
La Favorite—White, one of the best.
Louis Madeline—A deep pleasing rose color.
Marquis de Castellaine—Crimson, with immense trusses of bloom.
M. Jules Dispot—Combination of red, violet and lilac, quite dark.



One of Our Many Geranium Houses.

S. A. Nutt—Dark crimson, the best bedder of all. A great demand for this every year.

Jean Vlaud—Grand pink bedder.

Madonna—Snow white, good bedder.

M. Paul Blondeau—Bright rose, very large flower.

(Single Varieties.)

Col. Gillan—Bright scarlet maroon, markings very brilliant.

Gen. Wolseley—Rosy scarlet, showy and effective.

Mme. L. Moyot—White center, vermilion border.

Mme. P. Morlan—Rosy salmon, free bloomer.

Michele Savery—Salmon pink, shading to white.

Sentinel—Dark crimson, round flowers.

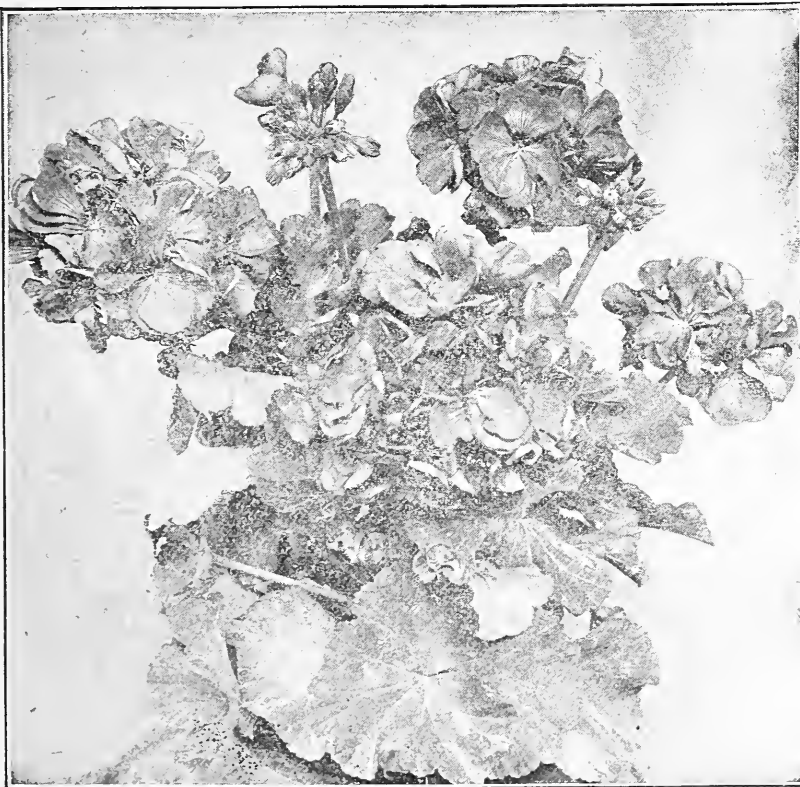
Scaramouche—Salmon, shading to white at tip of petals.

Vera Cuiianesk—White, clear, round, perfect flowers.

Yvette Frost—Rosy pink, fine for cutting or window boxes.

Prices—Single or Double

Each from 3-in. pots.....	20c; doz., \$2.00
Each from 3-in. pots (postpaid).....	25c
Doz. from 3-in. pots (postpaid).....	\$2.50
Each from 4-in. pots.....	25c; doz., \$2.50
Each from 4-in. pots (postpaid).....	30c
Doz. from 4-in. pots (postpaid).....	\$3.00
large plants by express only.	
Each from 5-in. pots.....	50c; doz., \$5.00
Larger plants.....	75c and \$1.00 each



Helen Michell.

Bear Creek, Mont., April 7, 1921
 State Nursery & Seed Co.,
 Helena, Mont.

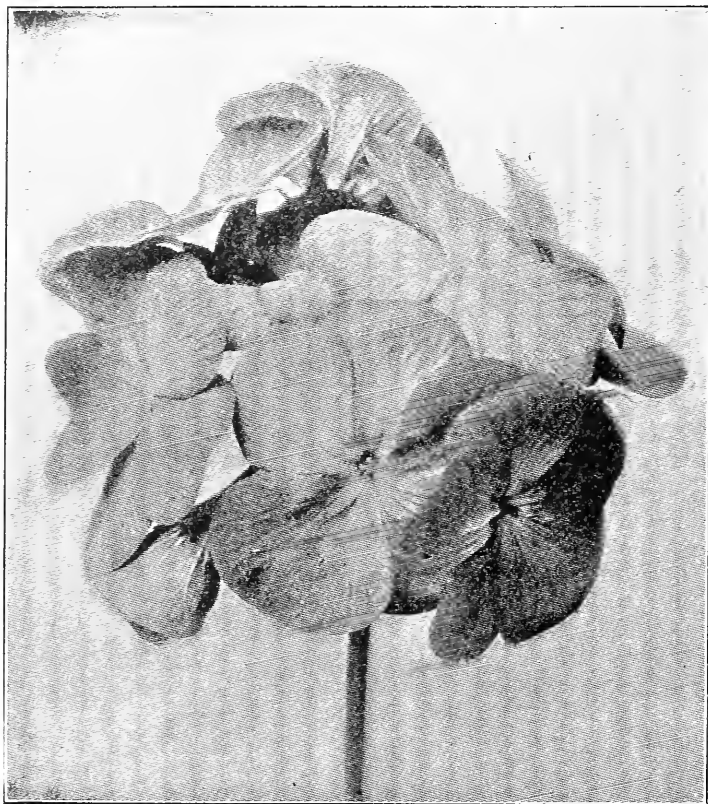
Gentlemen:—I am so well pleased with my plants bought from you, that I am sending for more. Many of my friends are also pleased with them and will send you their orders.

Mrs. Carl Johnson.

NOTE—Postpaid Prices—Where Quoted—Cover not only Actual Postage, but the Cost of Packing, etc., Ready for Shipment. These Prices Cannot be Deviated from on Mail (Parcel Post) Shipments.

THIS ISSUE CANCELS ALL
 PREVIOUS ISSUES.

GERANIUMS (Continued)



Gen. Wolseley.



Ivy Leaved Geranium.

IVY LEAVED GERANIUMS.

This class of Geraniums is rapidly growing in popularity and never fails to please those who desire a really valuable window plant. They are very free bloomers, and lend themselves splendidly to house culture.

James Atfield—Large pink double flowers, very fine.

Pierre Crozy—A single free bloomer of intense scarlet.

Leopard—Lavender pink dotted with crimson.

Souvenir de Chas. Turner—Deep bright pink.

Achievement—Rose with white eye.

La Eleganta—Beautiful variegated foliage.

Wm. Tracy—Double light pink, a rather short habit of growth, very fine.

Each, from 3-in. pots.....	20c; doz., \$2.00
Each, from 4-in. pots.....	30c; doz., \$3.00
Each (Postpaid), from 3-in. pots.....	25c; doz., \$2.50
Each (Postpaid), from 4-in. pots.....	35c; doz., \$3.50

VARIEGATED GERANIUMS.

Happy Thought—Leaves yellow, center bordered with green, Flowers rose.

Madame Salleron—Bushy variety, used for borders; goes well with Libellia. Foliage green and white.

Mountain of Snow—Fine foliage variety, silver edge, flowers red,

Mrs. Pollock—Foliage yellow, green and red variegation. Flowers red.

Each, in 3-in. pots.....	20c; doz., \$2.00
Postpaid	25c; doz., \$2.50

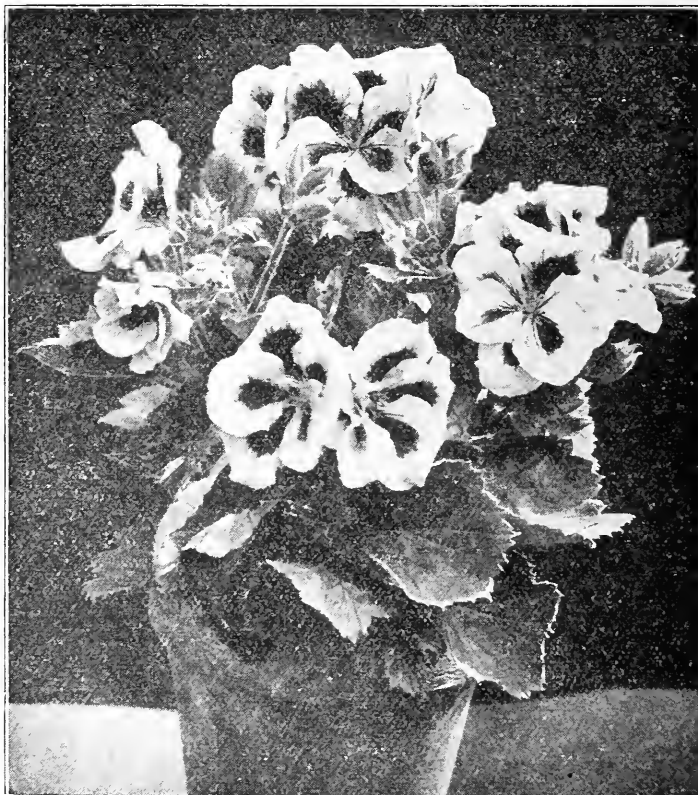
SCENTED GERANIUMS.

Balm—The well known large foliaged rose scented geranium.

Lemon—The small foliaged old-fashioned Lemon Geranium. Very fragrant.

Rose-Scented Geranium—Very popular. Flowers pink.

Each, in 3-in. pots	20c; doz., \$2.00
Postpaid	25c; doz., \$2.50



PELARGONIUM—Easter Greeting. (See next page.)

PELARGONIUMS

(Martha Washington Geraniums.)

Easter Greeting—One of the most desirable plants of this class that can be grown. Its flowers, which are borne in great profusion from March until late fall, are a fiery amaranth red, each petal bearing a blotch of deep brown or black and very large, often measuring from two to three inches in diameter. It is of a very compact and bushy habit, and of easy house culture. It is nearly impossible to say too much in recommendation of "Easter Greeting." Wherever a plant is desired for the house that will bloom continuously throughout the summer, no mistake will be made by selecting "Easter Greeting" for the purpose. Our plants are unusually fine and healthy, and cannot fail to please. See page 12 for cut of.

Wurtenbergia—Similar in habit to Easter Greeting, with flowers of a vivid crimson.

Lavender Gem—Another of the Easter Greeting type, with beautiful lavender-pink flowers.

Rose Bard—A beautiful shade of pink.

Mons. Herzog—Reddish pink.

Crimson King—Intense crimson, free flowering.

King Oscar—Bluish pink, shaded maroon and red.

Princess May—Very light pink.

W. C. Boyce—A beautiful shade of salmon.

Each	20c, 35c and 50c
Each (Postpaid)	30c, 45c and 60c

Madam Loyal—(The Pansy Geranium)—This is another of the plants a favorite with our grandmothers, and is rapidly coming into another well deserved reign of popularity. Of the most easy house culture and a most profuse bloomer.

Each	25c; doz., \$2.50
Postpaid	30c; doz., \$3.00



Gladiolus.

GLADIOLUS

Very attractive summer flowering bulbs and in which wonderful improvements have been made. To get the very best results they should be planted in a good sandy loam and where they get the most sun possible. Good spreadings of well rotted stable manure is the best fertilizer. Care should be taken in planting bulbs being set from 4 to 6 inches deep and from 6 to 8 inches apart each way. In the fall, before frost, the bulbs should be lifted, the stems cut off; place the bulbs in a cellar or some place away from the frost until planting time in the spring.

America—Large flesh-pink flowers.

Augusta—Pure white with blue anthers.

Mrs. Frances King—Light scarlet.

Brenchleyensis—Vermilion scarlet.

Princeps—Rich crimson, with white blotches on lower petals.

Haley—A magnificent salmon pink.

Any of the above varieties, 75c per doz., postpaid, 85c per doz.

Mrs. Frank Fendelton—A beautiful salmon-pink, with deep red blotches. Per doz., \$1.00; postpaid, \$1.10.

Schwaben—Clear Canary Yellow with blotch of deep garnet in throat, borne on long strong spikes. This is one of the finest gladiolus extant, and cut spikes in our store are the admiration of all who are fortunate enough to see them.

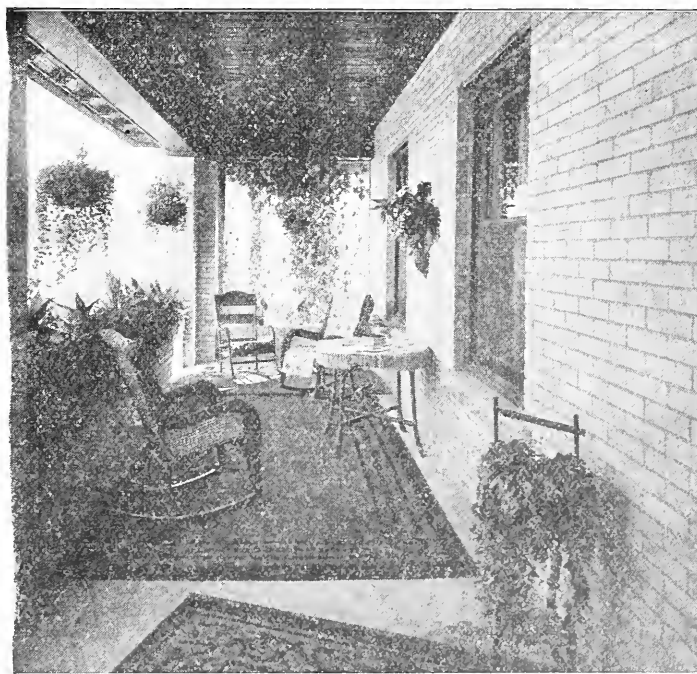
Per dozen, \$1.15; postpaid \$1.25

S. N. & S. CO.'S COLLECTION OF GLADIOLUS.

Comprises the best varieties, both as to flowering and beauty of color.

Mixed per doz., 75c; postpaid \$1.25

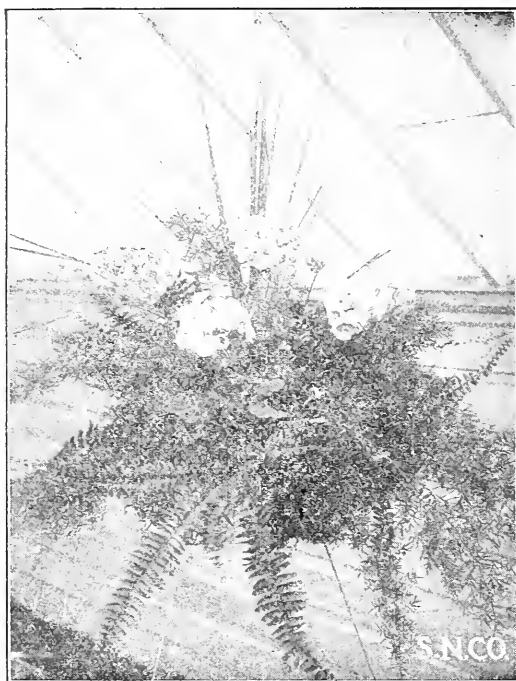
Porch and Window Boxes Hanging Baskets



Sample of the Beautiful Effect Attained in Porch Decoration by Hanging Baskets and Porch Boxes.

Hanging Baskets can be sent by express to almost any point with safety, but porch and window boxes do not permit of shipment in this manner. If you will send us the sizes of the boxes you desire to fill, we will take pleasure in promptly mailing you a list of plants suitable for the same and their cost. Always give the exposure—North—East—West or South in writing for list of plants suitable for porch boxes. In making porch boxes, it will be found that a width of 7 inches, and a depth of 8 inches, inside measurements, is sufficient. If the place to be filled is six feet or over in length, it will be found best to make the box in two or more sections, for convenience in handling. Always see that holes are bored in the bottom to allow for the necessary drainage.

HANGING BASKETS



Hanging Baskets.

Prices vary with the class and values of the plants with which the baskets are filled. We can assure our customers that our selections and filling, by artists in this line, can not fail to satisfy even the most critical tastes.

Each.....\$2.00, \$2.50, \$3.00, \$3.50, \$4.00 and \$5.00

According to size and quality of plants used.

By express only.

HELIOTROPE



Heliotrope.

Heliotrope will succeed in or out of doors. Their exquisite perfume makes them a favorite everywhere.

Centifleur—One of the newer forms of medium lavender color, with enormous heads of bloom.

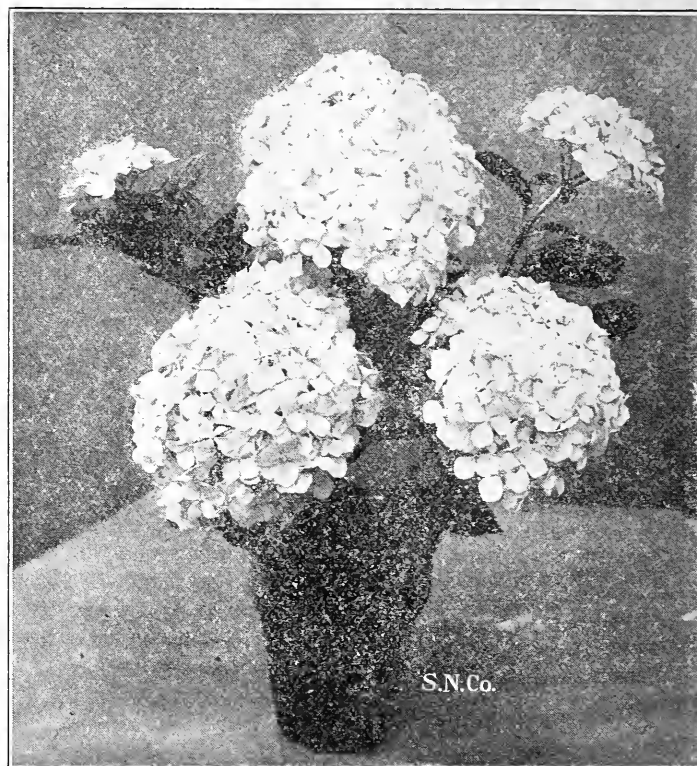
Elizabeth Dennison—A very compact large flowered form almost violet in color.

Florence Nightingale—A lavender colored type; very floriferous.

Each15c, 25c and 50c

Each (Postpaid)20c, 30c and 60c

HYDRANGEAS



Hydrangea Otaska.

These half hardy shrubs are in great demand as house, porch or garden plants, the varieties listed are of the very best and of easy culture. During winter the plants should be kept cool but never permitted to freeze and only sufficient water to prevent the roots from drying up.

To obtain the blue shades, thoroughly mix with the soil in which the variety known as **Otaska** is grown, a free proportion of iron borings or filings. Naturally pink, this will cause them to turn to a most beautiful shade of light blue.

Otaska—The well known pink variety.

From April to June we have extra fine specimens in blossom.

Each, small plants, 25c; larger plants, 50c to \$2.50

Each, small plants (Postpaid)35c

French Types—Unnamed, in pink or blue, 4-5 inch.

Each\$1.25

Postpaid\$1.40

NEW FRENCH HYDRANGEAS.

Mad. M. Hamer—(French)—A beautiful delicate flesh pink. Very handsome variety. Large plants, each \$2.50.

Souvenir de Mad. Chautard—(French)—A very handsome variety, bearing medium sized flowers of bright rose. Large plants, from 6-inch pots, each \$2.50.

HIBISCUS SINENSIS.

A good house plant, of fine flowering proclivities in summer. Flowers large—5 to 6 inches in diameter, of a delicate peach blossom color. A hard wooded tender shrub.

Each50c and \$1.00

Postpaid65c and \$1.15

IPOMEA—(Moon Vine.)

The well known Moon Climber. Flowers white and fragrant.

Each15c; doz., \$1.50

Each (Postpaid)20c; doz., \$1.65

State Nursery & Seed Co.,
Helena, Mont.

Malta, Mont., Jan. 28, 1921

Gentlemen:—The plants we got from you last spring were the best we ever secured from any nursery, and the packing was perfect. Every plant grew and produced splendid fruit. Our wants are limited, but what we need will be purchased from your firm. Thanking you for the careful handling of our previous orders.

Respectfully,

P. B. Bushnell.



A HOUSE OF EASTER LILIES

We grow these in large numbers for the Easter season. At that time we are prepared to supply these beautiful plants to any part of this section, and you can make no better selection for a present than one of these Lilies. Send us your orders and we will pack with your card attached and ship by express to destination desired. Each\$2.00 to \$4.00

We recommend the shipment of these by express whenever possible.

IVY—(English.)
Not hardy enough for our winter, makes a good indoor vine.
Each25c
Each (Postpaid)30c

IVY—(Parlor Ivy.)
A good vine for the window at all seasons, and in great demand as a vase, basket or window box, plant in the summer.
Each, 10c; postpaid15c
Per doz., \$1.00; (Postpaid)\$1.15



IMPATIENS SULTANI.

A plant that should be in everybody's collection being almost continuously in bloom and of bright red color, which makes it the ideal table or window plant.

Each, 15c and 25c.....Postpaid 20c and 35c

LANTANA.

One of the most attractive house plants, with a most brilliant range of colors, and extremely floriferous.

Craigii Dwarf—Orange, carmine.
Comptesse de Brencourt—A fine pink.
Delicatissima (Weeping Lantana)—Rosy lavender flowers, very suitable for hanging baskets.
Fleur d'Or—Yellow.
Grand Sultan—A brilliant red.
Snowball—Pure white.

Each, 15c and 30c; postpaid20c and 40c
Collection of 6, 75c; postpaid.....90c

LEMON VERBENA—(See Aloysia, Page 2.)

LILIES

(See Also Hardy Lilies, under Perennials.)

Calla Aethiopica—Calla Lily or Lily of the Nile. A well known and justly a favorite window plant. Of very easy house culture. Each50c and \$1.00

Calla—Little Godfrey—A smaller type of recent introduction and with its extremely free flowering habit, has proved wonderfully popular. Each50c and 75c

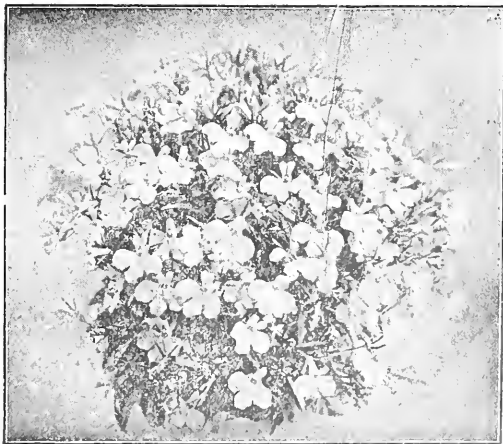
Lilium Giganteum—The well known Easter Lily.

L. Auratum—The wonderful gold-banded Lily of Japan. Flowers will often, if well grown, measure ten inches in diameter, of a creamy white, spotted with crimson and striped with yellow. Extremely fragrant.

L. Album—A well known and handsome pure white lily of wonderful beauty, with reflexed petals.

L. Rubrum—Another handsome lily and very largely grown for cut flowers. Of a very desirable pink freely sprinkled with deep crimson spots and markings, and reflexed petals.

Dormant bulbs in season October and November, immediately on arrival from Japan of the above varieties, each50c
Postpaid60c



Lobelia.

The best of all for border plants, being low and covered with a mass of small blossoms. They thrive in almost any garden soil, but should be planted where they get the most moisture.

Double Blue Kathleen Mallard—Large double flowers of an intense blue, very desirable. Each, 10c; postpaid, 15c; doz., \$1.00; postpaid \$1.15

Crystal Palace—Deep blue; a splendid border.

White Gem—Snow white. Each, 10c; postpaid, 15c; doz., \$1.00; postpaid, \$1.15



Marguerite—Mrs. F. Sanders.

Mrs. F. Sanders—This variety has taken precedence over all others of its class, it is double, pure white, with long stemmed blooms often measuring five inches in diameter. Grown in enormous quantities for cut flowers, and a splendid keeper when cut.

Each, 15c, 25c, 50c; postpaid.....20c, 35c, 60c

White Marguerite—(Chrysanthemum Frutescens)—This is the well known single Paris Daisy, and the best known of the family.

Each, 15c, 25c, 50c; postpaid.....20c, 35c, 60c

Marguerite—Boston Yellow—A magnificent golden yellow Marguerite, with flowers from 3 to 5 inches in diameter. Greatly grown for cut flowers, having long strong stems.
Each, 15c, 25c, 50c; postpaid.....20c, 35c, 60c

MIGNONETTE.

Plants from 2-in. pots, each 5c; doz.....50c
Each, postpaid, 10c; doz.,.....60c

MONEYWORT (Lysimachia Nummularia.)

This is a splendid trailing vine, exceedingly well suited for hanging baskets and porch boxes. Its long stem often reaches a length of two feet, and are closely lined on two sides with small dark green foliage, and it is rarely that they ever lose the foliage near the plant, making it one of the best plants for this purpose. It is very hardy—a few degrees of frost not injuring it at all, and it will thrive under trees and in places where grass will not grow, making a veritable carpet of green.
Each, 20c; postpaid.....30c
Per doz., \$2.00; postpaid\$2.25

MOON VINE—(See Ipomea, Page 14.)**NASTURTIUMS.**

Tall or Climbing Varieties—The ideal summer vine for trellises, verandas or for covering unsightly railings.

Dwarf or Bedding Varieties—Give a splendid effect when massed in beds, their various colors giving an effect incomparable.
Each, 10c; doz.,\$1.00
Postpaid, each 15c; doz.,\$1.25

OLEANDER.

A most interesting house plant, forming beautiful spikes of flowers in delicate shades of pink and red. The Oleander is probably one of the most popular and well known of all house plants.
Each25c and 50c
Each (Postpaid)35c and 65c

OXALIS.

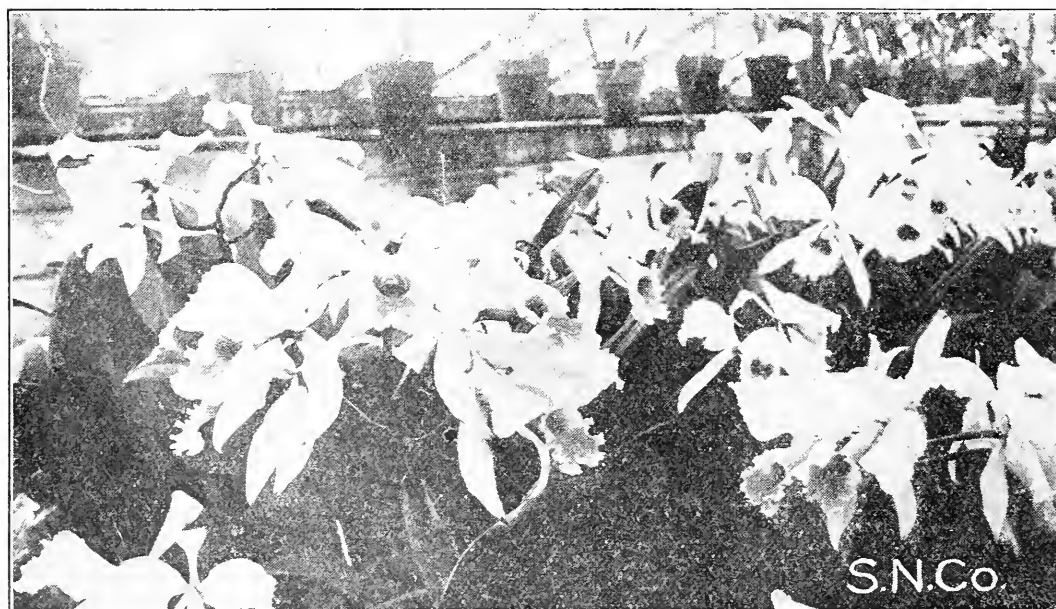
Usually where plants are grown the Oxalis is found in the collection.

Buttercup—Yellow, grows and blossoms freely.

Grand Duchess—Pink. A most prolific flowering variety of easy growth. This Oxalis, is perhaps to be found in more homes than almost any other plant. It is a continuous bloomer, and is often to be seen with beautiful masses of pink flowers from the end of one year to another.

Grand Duchess—White—Same as the above with white flowers.

Grand Duchess—Lavender—Similar to the pink form with lavender colored flowers.
Price, each25c
Postpaid35c

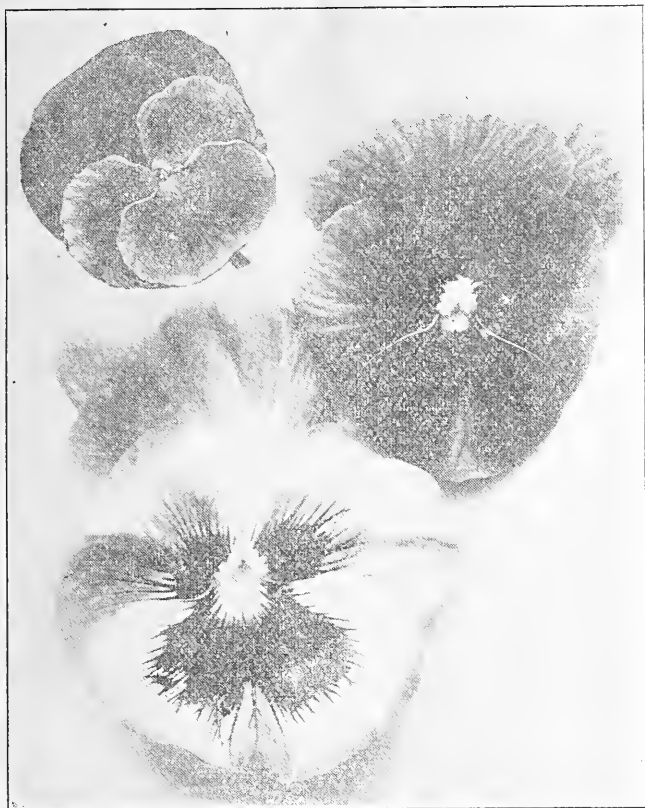


Orchids—(Cattleyas)—In Bloom in Our Orchid House.

ORCHIDS

We grow these in considerable quantities for cut flowers, and usually have specimen plants in blossom.

Write for prices.



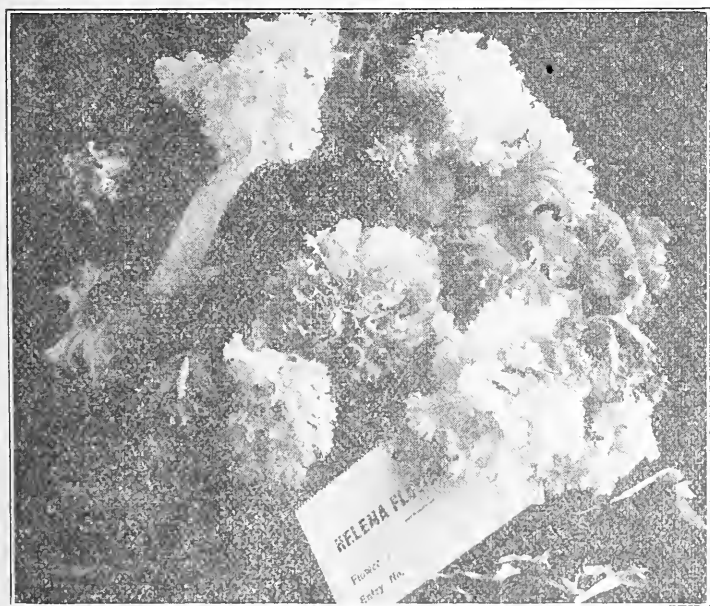
PANSIES

Who does not love a pansy? The flowers with faces. We are the most extensive growers of these favorites in the entire Northwest, and have spared no pains or expense to procure the finest strains known. Our Pansies are all from strains which combine hardiness, beauty of color, size of bloom and length of stem. A strain which does not measure up to this high standard when tested by our expert growers, is at once discarded. The result of this policy has been that we can scarcely grow enough of the selected strains to supply the demand. We are continually increasing the space devoted to them.

Per dozen75c

Postpaid90c

PETUNIAS



A Vase of Our Double Petunias.

The demand for our Double Petunias has kept our growers busy to meet it. The steadily increasing use of porch and window boxes for porch decoration, is calling for the best that can be produced in these free blooming plants, and for that purpose they are absolutely indispensable.

DOUBLE PETUNIAS.

Edna—Pink mottled white.
Guy—A beautiful light pink.
Jerome—Purple with white edge.
Snowball—Finely fringed white.
Talma—Clear pink.

Each, 25c, 35c, 50c, according to size.
 Each, postpaid, 35c, 45c and 65c.



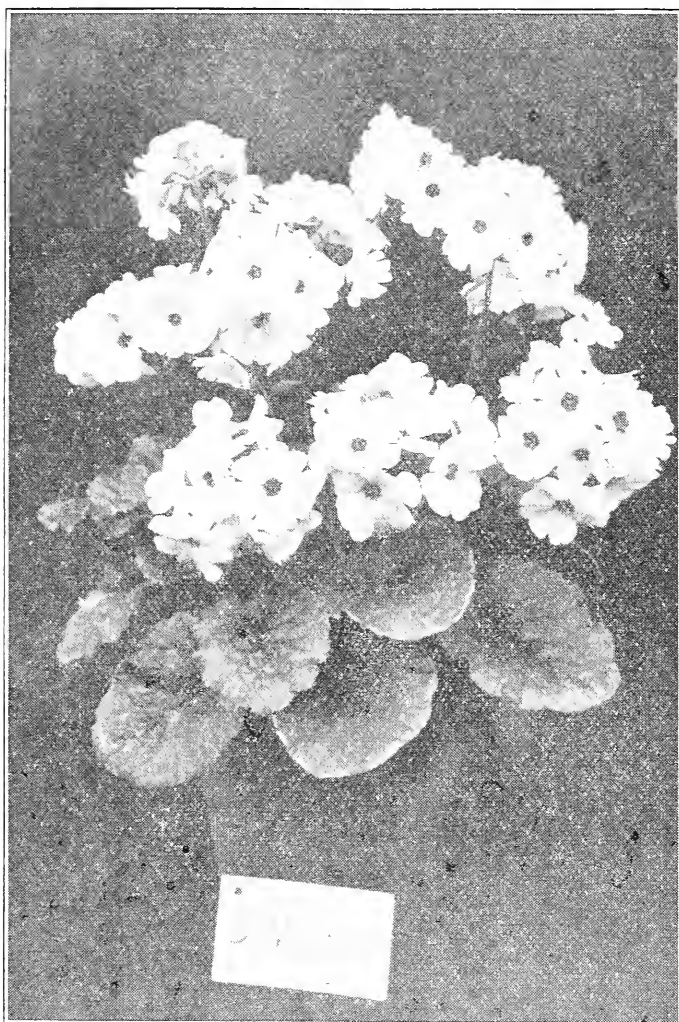
Single Petunias.

The beauty of our single petunias is such that they are to be appreciated. They are of all colors, and are of a color, giants in size, of exquisite beauty, and are for all sorts are in indispensable places on porches and windows.

Each
 Each (Postpaid) doz. 25

PALMS—(See Palm Department, Page 20.)

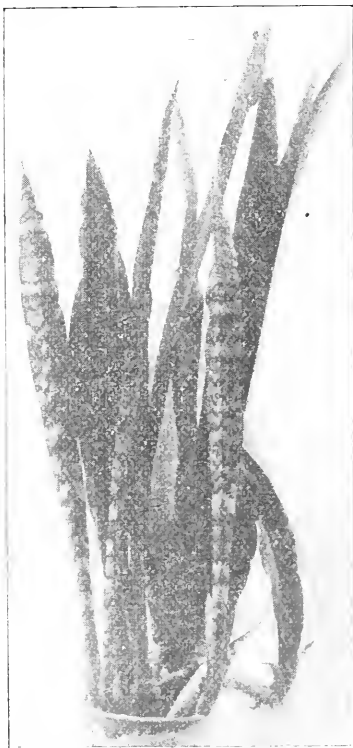
PHLOX HARDY— (See Hardy Perennials, Page 32.)



Primula Obconica (See next Column.)

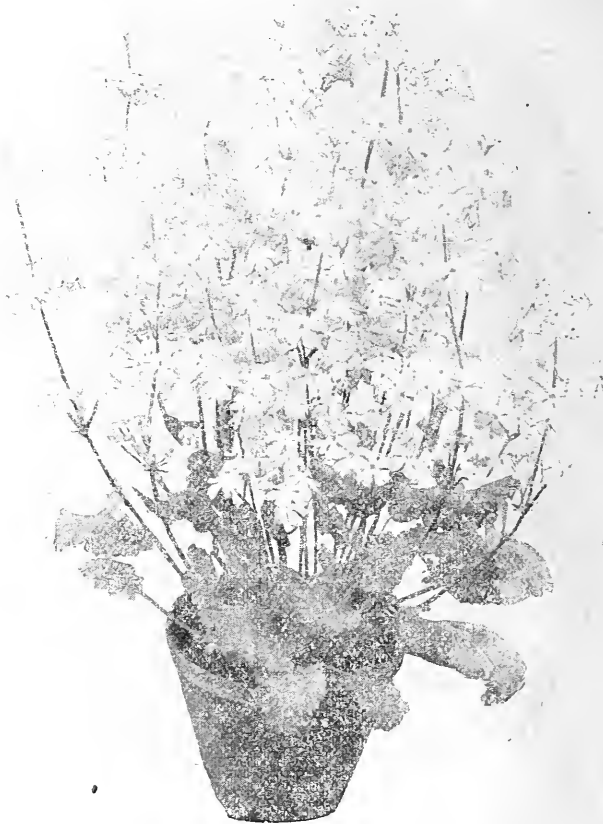
Sanseveria Zeylanica—A splendid house plant of easy culture, one that will withstand dust and dry weather without injury. The tall growing fleshy leaves are very attractive, being alternately barred with green and white, and on a good plant will often attain a height of 30 to 36 inches. A large well grown plant of this is one of the finest specimen plants that can be had for porch and stoop ornamentation in the summer months. Commonly called Zebra plant.

Each, 50c; postpaid65c
Larger plants, \$1.00, postpaid..\$1.25

Sanseveria Zeylanica
Zebra Plant.

Primula Obconica—This type of primrose has attained a popularity unequaled by any of the genus. Of a most profuse blooming habit in flower from Fall until early spring. The shades of color range from a pale lavender to deep rose. In ordering state shade of color desired. Blooming plants in season October to March only.

Each, 35c, 50cPostpaid, 45c, 60c



Primula Malacoides.

Primula Malacoides—This is the Baby Primrose. It bears masses of delicate lavender colored flowers in wild profusion, and deservedly ranks among the best of the fall and winter house plants. Blooming plants in season; October to March.

Each, 35c, 50c.....Postpaid, 45c, 60c

For those who desire to grow these plants to full maturity in the house, we offer young plants from May to August at:—

Each25c and 35c
Postpaid45c and 60c

**SEND FOR OUR XMAS CATALOG, WHERE
WE QUOTE SUPERB SPECIMEN PLANTS OF
THESE AND CYCLAMEN FOR XMAS PRESENTS.**

ROSES—(See Pages 20 to 25.)

SALVIA--Scarlet Sage

Salvia—or as it is more commonly called, Scarlet Sage—is without a doubt one of our most valuable summer bedding plants. Give it a sunny location, with well fertilized soil and sufficient water, and a bed of Salvia will well repay the outlay. Of easy culture—and rapid growth, they literally cover themselves with long, erect spikes of most brilliant scarlet flowers, borne well above the deep green foliage. A well grown bed of Salvia is literally a bed of fire.

Each15c; doz., \$1.50
Each (Postpaid)30c; doz., \$1.65

Saxifraga Saramentosa

Aarons Beard—Mother of Thousands—or Strawberry Geranium. This is a handsome plant of a wonderful trailing habit, with brightly variegated foliage. It is a splendid plant for small hanging baskets, of a real decorative value, that will thrive under most adverse conditions.

Each25c and 50c
Postpaid30c and 60c

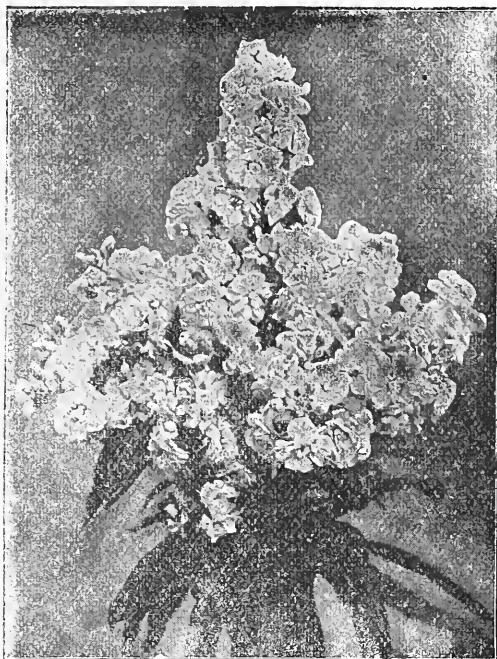
STOCKS

Ten Weeks

(Gil'iflower)

Stocks — One of the most useful bedding plants, that can be grown. Their intensely free blooming habit, coupled with their long keeping qualities when cut and their magnificent range of coloring, render them a universal favorite with all flower lovers. In shades of white, yellow, dark blue, lavender pink, rose and blood red.

Per doz., 50c;
Postpaid, 60c

**Stocks.****TRADESCANTIA**

(Wandering Jew)

One of the most used plants in the world for hanging baskets and porch boxes. Three varieties—green foliage, green and white, and red and silvery green.

Each	.....20c
Dozen	.....\$2.00
Each (Post-paid)	.....25c
Dozen (Post-paid)	.....\$2.25

TUBEROSES

One of the most delightfully fragrant and exquisite of all summer blooming plants. It is desirable to plant the bulbs as soon as the ground becomes warm. Our specialty is the Excelsior Double Pearl variety.

Each	.....10c
Dozen	.....\$1.00
Each (Post-paid)	.....15c
Dozen (Post-paid)	.....\$1.25

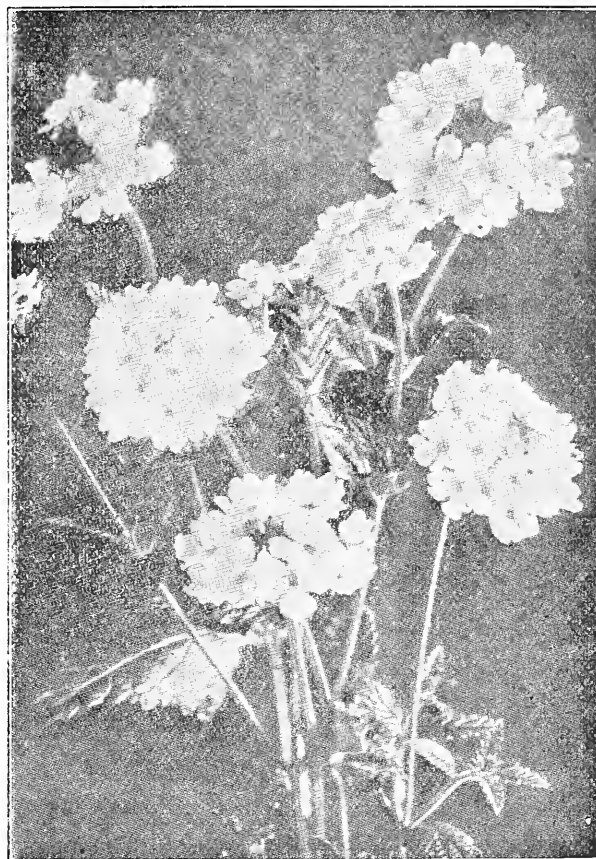
**Tradescantia.****VIOLETS (See Front Cover)**

We have found that violets under proper cultivation can be grown in Montana that are the equal of any in the entire country. As an evidence of this fact, the demand for violets as cut flowers, in their season, in our own case, has increased so rapidly that it now requires seven of our largest greenhouses to satisfy the demands made upon us for these fragrant blooms. Under the care of the expert in charge of these plants, they are absolutely free from all kinds of disease that so often attack them in many parts of the country. The colored plate, from actual photograph, on the front cover of this catalog, gives but a faint idea of the beauty of "HELENA VIOLETS".

Governor Herrick—Flowers of rich purple borne on good stems and very prolific

Princess of Wales—One of the best varieties grown. Flowers very large, long stems, a very profuse bloomer, and extremely fragrant.

Each	.....15c and 25c
Postpaid	.....20c and 35c

**VERBENAS.**

These are one of the best and without doubt one of the most valuable bedding plants for use in the Northwest. They bloom continuously through the summer, and very often after the first frosts of fall. Their free flowering proclivities, and brilliant shades of coloring render them attractive to every lover of summer flowers in the garden. Colors—Scarlet, Pink, White, Purple and Striped.

Each, 15c; per doz	.....\$1.50
Postpaid, each, 20c; doz	.....\$1.75

VINCA MAJOR.

This is without a peer as a decorative vine for porch boxes and hanging baskets. Of the most easy culture, and rapid growth, it is today the most used trailing plant for this purpose in all parts of this country. The demand for it in the United States runs into the millions each year, and is steadily growing.

Vinca Major—Handsome dark green foliage.

Vinca Major Variegata—Foliage dark green in center, bordered with an irregular margin of rich creamy white. A most beautiful vine for porch use, and can not be too highly recommended.

Each	.....20c to 50c
Postpaid	.....30c to 60c

Vinca Minor Argentea Variegata—This is a comparatively new introduction, but the demand is already passing the supply. It is a variegated form of the favorite old English periwinkle with silver white edging around the deep green center of the leaf. Like its parent, it is extremely hardy, making a splendid carpet plant in the most shady places where hardly any other plant would grow at all. A most useful plant for covering graves, the wonderful contrast of color and evergreen foliage rendering it one of the most valuable acquisitions of late years for this purpose.

Each, 25c; postpaid	.....35c
Per doz., \$2.50; postpaid	.....\$3.00
Large clumps, 50c; postpaid	.....60c
Per doz., \$5.00, by express only.	

WALLFLOWERS.

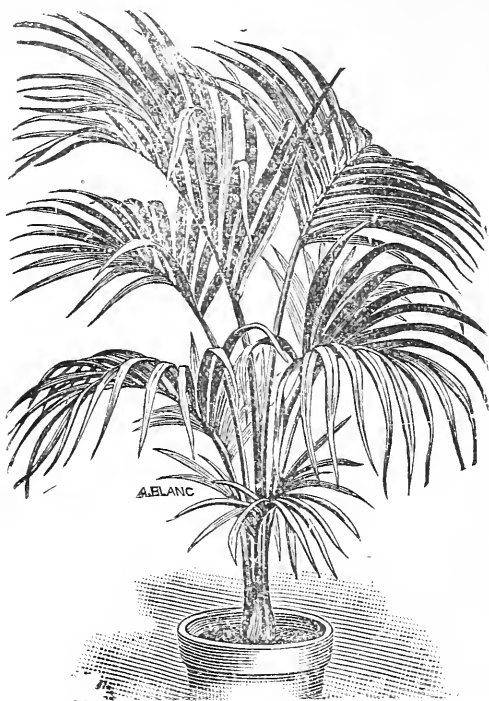
In this we have another favorite, fragrant and easily grown old-time flower. Great improvement in these plants has been made in the last few years, and they are now in ever increasing demand.

Each, 5c; doz,	.....60c
Postpaid, each 10c; doz	.....75c

ZINNIA—(Old Maid.)

Zinnias are one of the finest and showiest annuals grown. They will thrive anywhere, blooming from early summer until cut down by frost. With every color of the rainbow and some others thrown in, a bed of Zinnias is indeed a most gorgeous sight in the summer landscape.

Each, 5c; doz.	.....60c
Postpaid, each, 10c; doz.,	.....70c



PALMS

Palms make an ideal gift for any purpose and at any season, be the occasion a Wedding, a Birthday, or a Christmas remembrance. We are the largest growers of these and all other plants in the Northwest, and can always supply select specimen plants at moderate prices.

The Kentias named below are among the very best of the Palm family for house culture. Among the hardiest of the family, they are often grown for years in the home, with wonderful success, and there is no plant that gives that unique touch of tropical gracefulness to a room or hall, or that can be used to break or completely change the contour of some awkward corner as a well grown Kentia.

Kentia Fosteriana—An extremely useful variety and one that responds well to house culture.

Each\$1.00 to \$5.00

Kentia Belmoreana—Another splendid house type similar to Fosteriana, with broader pinnae and a longer growth of midrib or stem.

Each\$1.00 to \$5.00

ROSES---Their Culture and Care

SITUATION.

Best results can be obtained by planting Roses where they receive the full benefit of the sun, and sheltered from the north winds. Under no conditions should they be planted where they are liable to come into contact with the roots of large trees and shrubs.

SOIL

Almost any ordinary good Montana soil is suitable for Roses. Cow manure is one of the best fertilizers to use.

PLANTING— PREPARATION OF THE BED.

The bed should be prepared a short while before planting, so as to let the soil settle. The depth of the bed depends on the size of the plant, usually about one foot. Fill this with soil and manure, being careful to provide for proper drainage. On receiving the plants, if in a dormant state, the tips of the roots should be cut off about half an inch or more.

If the plants are from pots, they should be set so that the ball of earth is about one inch below the level of the ground, and the soil around them made very firm.

Great care should be taken to see that the roots of field grown Roses are evenly distributed, as upon this detail quantity and quality of blooms will depend. A thorough soaking of water should then be given.

WINTER PROTECTION.

Almost all the roses (the Hardy Yellow varieties are some of the exceptions), should be protected during winter. For this purpose we use long clean straw, bending the rose bushes to the ground and covering the straw over them to a thickness of about six inches.

Another good plan is to use a heavy sheaf of straw tied close at the top and the rose bush tied in the center of the sheaf. This is a good method in places where water or melted snow is apt to drain to the plants. With this method it is also beneficial to draw the earth to the stem of the plant before covering with the straw.

PRUNING.

Immediately the first killing frost cuts back the young growth in the fall, prune back the frozen wood into well ripened wood. This is important, and will often insure the life of tender Roses in severe winters. As soon as the plants show the first sign of activity in the spring, then give them the principal pruning of the year, beginning with the H. P. class. Climbing Roses need very little pruning, except to remove dead and superfluous wood, and to make long canes conform to some desired effect.

INSECT PESTS.

Should any insect pest like Green Fly or Aphis attack your Roses, it may be easily controlled by an occasional spraying with Black Leak 40, or some other nicotine preparation. For these, refer to list of Insecticides, on last pages of this catalog.



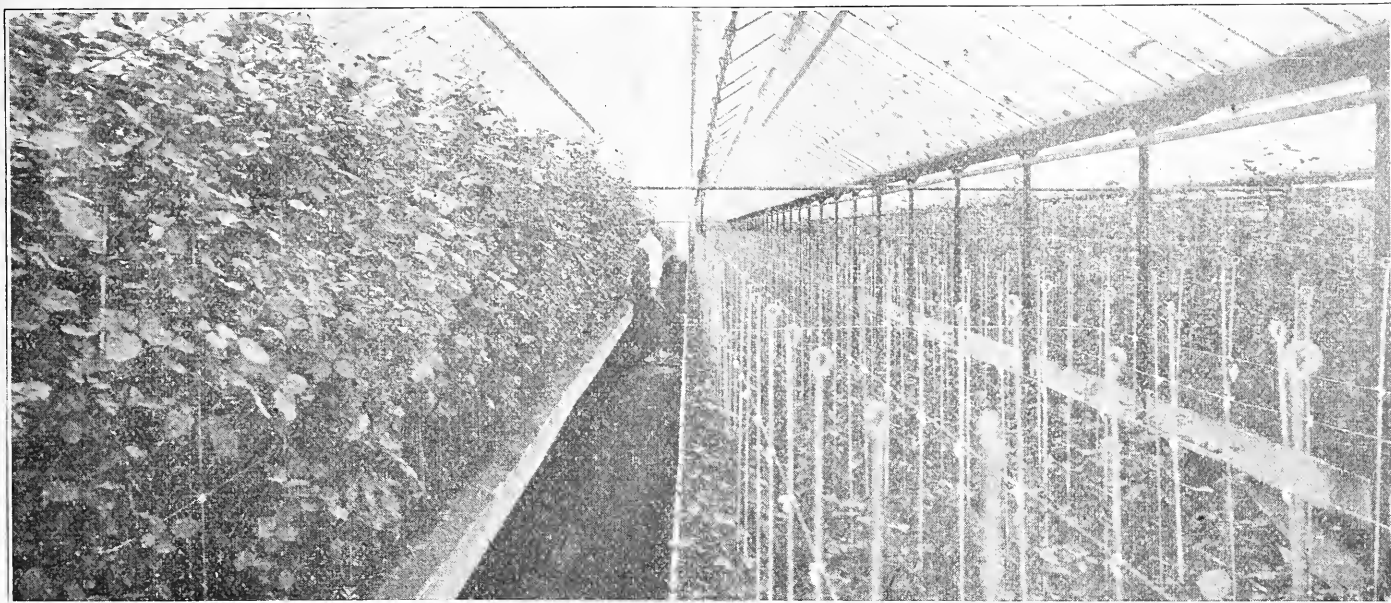
NEW ROSE.

PAUL'S SCARLET CLIMBER.

We are offering to our customers for the first time this season, a genuine novelty in a rose, **PAUL'S SCARLET CLIMBER**. It is not of the Rambler type, but is an entirely distinct hybrid, and from all reports is the greatest acquisition in climbing roses for many years. No other rose can compare with it in brilliancy of color, a vivid scarlet, which holds without sunburning or bleaching until the petals drop. The flowers are of medium size, produced in clusters of from three to twenty on muchly branched canes, and the plants literally cover themselves with bloom from top to bottom. It is a strong growing climber, and is claimed to be perfectly hardy. All who have seen this new rose speak of it with unstinted praise.

Two year old field grown plants of this superb novelty, each \$2.00; postpaid, \$2.25.

We have but limited supply of this novelty—order early.



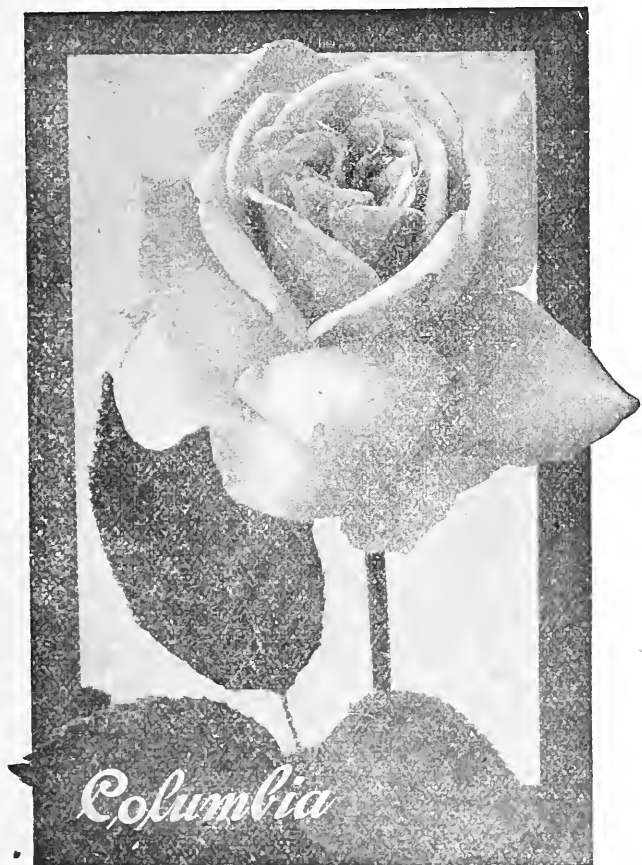
View in One of Our Rose Houses.

ROSES

WE DEVOTE A SPECIAL DEPARTMENT--AN ENTIRE RANGE OF GLASS--IN CHARGE OF AN EXPERT TO THE PRODUCTION OF ROSES FOR MONTANA AND THE NORTHWEST.

Roses--The flowers that are beloved by all--can and are now grown as successfully in Montana as in any section of the country. Careful pruning at the proper season, sufficient water and fertilizer; with a good protection of such material as dry straw in winter, will give a wealth of beauty and bloom in the summer that will far more than repay for the outlay and labor expended on them.

ROSE--COLUMBIA.



Columbia was introduced in 1918 for the first time. It is an American production, and has been received most enthusiastically wherever grown and seen. It is doing well for us and is a wonderful bloomer. Its blooms are large, of most exquisite form, of a perfect Peachblow pink, which deepens as the flower opens. It has unusually long, stiff, erect stems, and is almost thornless.

Price50c and \$1.00 each
Postpaid65c and \$1.15

ROSE--PREMIER.



This is another rose of late introduction, but is one which is being enthusiastically received by rose growers all over the country.

It is a cross between the well known Russell and its parent, and really combines some of the best qualities of both parents. It is a most exceedingly free grower--with growth that is practically thornless, very floriferous, very firm, and a beautifully shaped bud and bloom.

The color is a deep rose, and keeps almost clear all winter long. From all accounts and from our own experience, this rose to date, we predict a wonderful demand for it, as its merits are known to the rose lovers of the section.

Plants of this superb rose are 65c and \$1.15 to ship.

Roses for outdoor planting are not shipped until danger from frost is past. Do not, therefore, be surprised, if on an early order for plants in which roses are included, that these are held back from shipment until we feel sure that under ordinary conditions it is safe to plant them.

FOR PRICES ON ROSES

Where not quoted see page 25
For Prices

Hybrid Tea Roses (Red)

Monthly—Or Everblooming.

Hoosier Beauty—A late introduction, but it has jumped at once in a popularity attained by few. Color a glowing deep scarlet with darker shadings, and opens into a magnificent bloom.

Each. 25c and 60c; postpaid, 30c and 60c.



American Beauty.

X American Beauty—This is one of the best known and most popular Roses ever introduced. It has proven one of the very best for this climate, and its beautiful large red blooms can be seen in every section. We make a specialty of this and always supply the finest grade of stock.

X Hadley—Deep rich velvety crimson. Large double flowers on long, stiff stems. Very fragrant and a prolific bloomer.

X Francis Scott Key—Red, shading to cerise, very double, and a free bloomer.

X Gruss an Teplitz—This is a wonderful Rose, of dazzling fiery crimson. It is a very free grower, and unlimited flowering qualities. Should be in every collection.

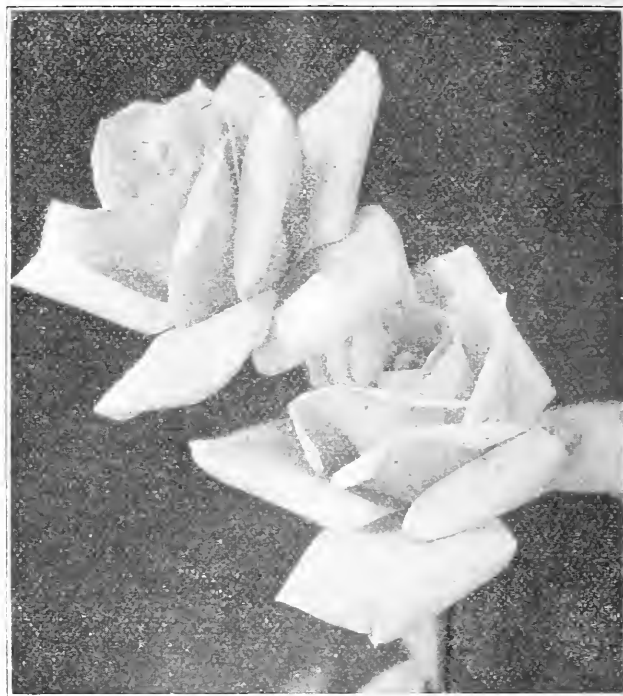
X Red Radiance—This is a sport from the Pink Radiance, of which it is an exact counterpart, except in color, which is of clear bright red.

Edward Mawley—Velvety crimson, deep and rich, huge faultless petals arranged into perfect blooms. Richly fragrant and very free flowering, bearing every flower rigidly erect.

Hybrid Tea Roses (Pink)

La France—Although introduced in 1867 this wonderful Rose still preserves its popularity. Of a silvery Rose, with pink shades, and satin-like petals of wonderful beauty and unequalled fragrance. A continuous bloomer.

Pink Killarney—The Irish Beauty Rose, Sparkling pink with large beautifully formed buds of exceeding beauty.



Ophelia.

Ophelia—A recent introduction, and one that has taken Rose lovers by storm. In color it is a brilliant salmon-flesh pink, showing orange yellow shadings. Very floriferous, a vigorous grower, and bears its blooms erect on long stiff stems. Very fragrant.

Hermosa—This is another old favorite, introduced in 1840, but still retains its popularity. While it is of the Bourbon type, it is of a free blooming nature, with finely formed flowers of a soft deep pink.

Mrs. Chas. Russell—This Rose is a magnificent pink, one of late introduction, and which jumped at once into well deserved popularity. Long, strong stems and very large flowers.

Los Angeles



This late introduction has created a furore among rose growers from the Pacific to the Atlantic. It is a true American product—originating in California.

Its color is a luminous flame pink, toned with coral, and shaded with translucent gold at the base of the petals.

This has proven with us to be a splendid summer rose for the garden, but it is somewhat tender for Montana winters. It will require good protection in winter, or better still it will well repay to take up and care for inside for the winter.

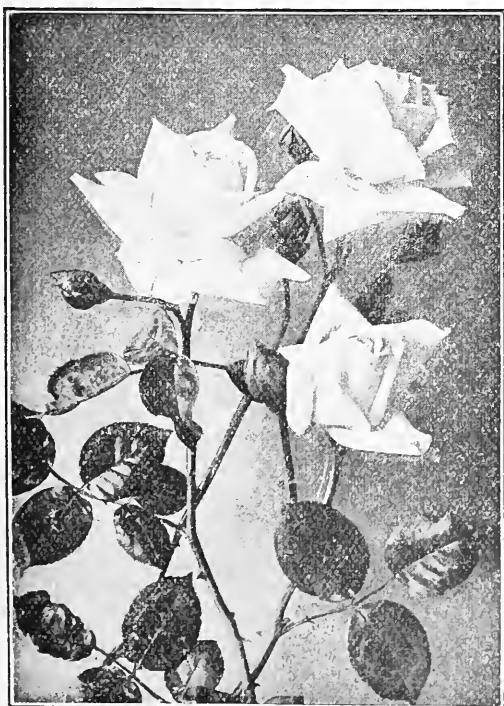
Price, 3-inch plants, each50c; postpaid, 65c
Field grown plants, each, \$2.00...postpaid, \$2.20

Order early—our stock of this magnificent novelty is very limited.

PINK RADIANCE—The Wonder Rose for Montana**Radiance.**

We feel that we cannot recommend this rose too highly for planting in the Northwest, and its wonderful success in almost all sections of this state has created a demand for it unequalled by any other variety. It is a hardy vigorous grower with flowers of a brilliant rosy carmine, which when fully open are shaded with opaline pink. Our specimen plants of this variety cannot be equaled.

Each, from 4-inch pots, 50c; postpaid.....65c
 Per doz. from 4-inch pots, \$5.00; postpaid.....\$5.50
 Large specimen plants, each, \$2.00; per doz., \$20.00

**Kaiserin Augusta Victoria.****Hybrid Tea Roses (White)****SEE PAGE 25 FOR PRICES.**

- X **Kaiserin Augusta Victoria**—One of the best white Roses ever introduced. A most sturdy grower with large perfectly formed and fragrant flowers, it combines all the attributes that go to make a perfect Rose. Very profuse.
- X **Clothilde Soupert**—Known in many sections as the Cemetery Rose, as it will bloom and thrive with so little care. It is a cluster bloomer, white, shading to a light pink, and very profuse, a dwarf grower, and very fragrant. Makes an ideal pot Rose for the house in winter or summer.
- X **White Killarney**—A perfect counterpart to Pink Killarney from which this is a sport. Like its parent, it has proven a valuable Rose in this section, as they will stand our winters with ordinary protection, and produce a wonderful wealth of bloom.

SEE PAGE 25 FOR PRICES.**Hybrid Tea Roses (Yellow)****Mrs. Aaron Ward.**

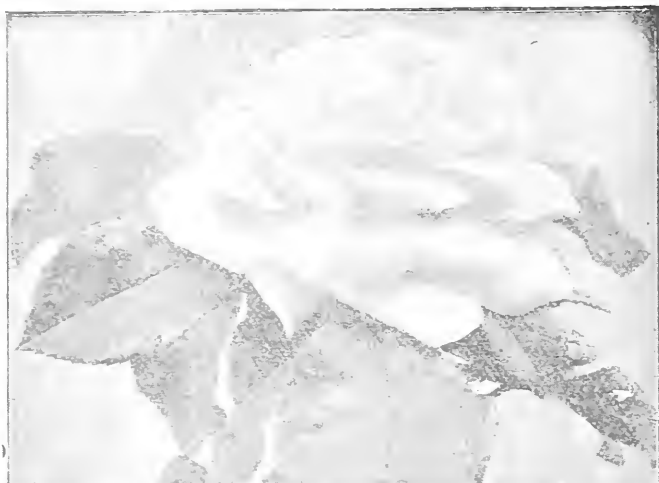
- X **Mrs. Aaron Ward**—This is another Rose of comparatively late introduction, but it has achieved a wonderful popularity. The flowers which are produced in great profusion, are of an Indian yellow shading to a lemon at the edge of the petals; very full and deep, showing as it unfolds a deep golden heart.
- X **Sunburst**—A splendid Rose of vigorous habit and one of the largest of the H. T. type. The color is an orange-copper or golden orange, very intense giving a most brilliant effect. A giant of its class, of perfect form, good keeping qualities when cut, it has proven an estimable garden Rose for this section.
- X **Perle Des Jardins**—A clear golden yellow Rose, very rich and of great depth. Very full, a most profuse bloomer, and very fragrant. A tender Rose, requiring good protection in winter or caring for in the house.

Conrad, Mont., May 31, 1921.

State Nursery & Seed Co.,
 Helena, Mont.
 Gentlemen:—I received the plants all O. K., and find you sent me a very satisfactory shipment, for which I thank you, and also for your prompt delivery.
 Yours Very Truly,
 W. H. Corry.

Hibbard, Mont., May 7, 1921.

State Nursery & Seed Co.,
 Helena, Mont.
 Gentlemen:—I received the plants in fine condition, and am well pleased with them. The roses are especially fine and good.
 Sadie E. Rasque.

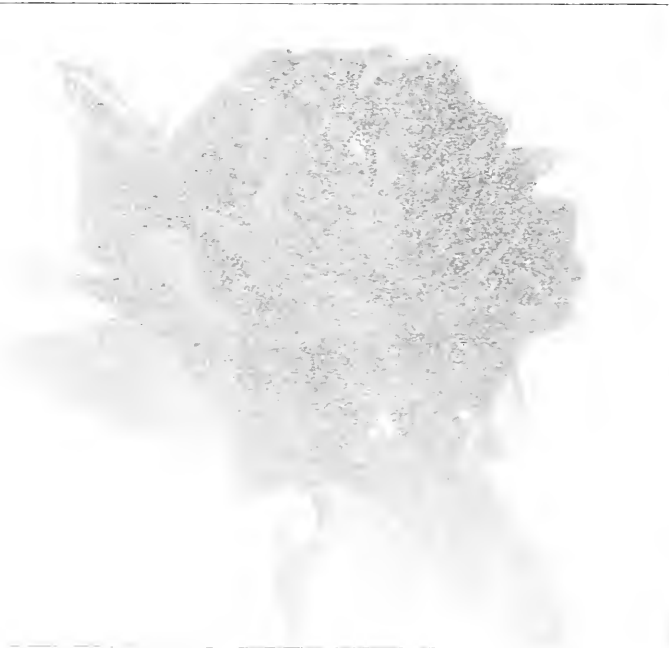


Frau Karl Druschki.

Hybrid Perpetual Roses

FOR PRICES SEE PAGE 25.

- X **Frau Karl Druschki**—Commonly known as the White American Beauty, or Snow Queen. A most vigorous grower producing large long buds and magnificent white blooms. Very hardy, and deservedly popular.
- X **Anna de Diesbach**—(Glory of Paris).—A very free blooming form of this type of Rose and a vigorous grower. Color a shell-pink long pointed buds, very double and large compact blooms, very fragrant.
- Black Prince**—Color an intensely dark crimson; flowers very large and double. A strong grower and free bloomer.
- Captain Christy**—A delicate flesh pink, shading to a deeper color at the center of a large, very double and handsomely formed flower. Strong grower and very free.
- X **Cilo**—Color flesh-pink, shaded in center with rosy-pink; large globular flowers freely produced and fragrant. A vigorous grower.
- Prince Camille de Rohan**—Deep velvety crimson-maroon, very double, and splendid form. Considered by many the best of all hardy dark roses.
- X **General Washington**—Large double scarlet flowers. A fragrant Rose, free grower and profuse bloomer.
- X **Jubilee**—A hardy and almost everblooming Rose, flowers extremely large, very double, of a glowing velvety crimson, shaded at the base with a touch of maroon-red. Hardy, a vigorous grower and wonderfully fragrant.
- X **Mrs. John Laing**—A beauty—in clear, bright shining pink; every bud with its deeply serrated calyx and close growing foliage becomes an elegant Boutoniere. The open blooms are immense, very full, and borne on long stiff stems.



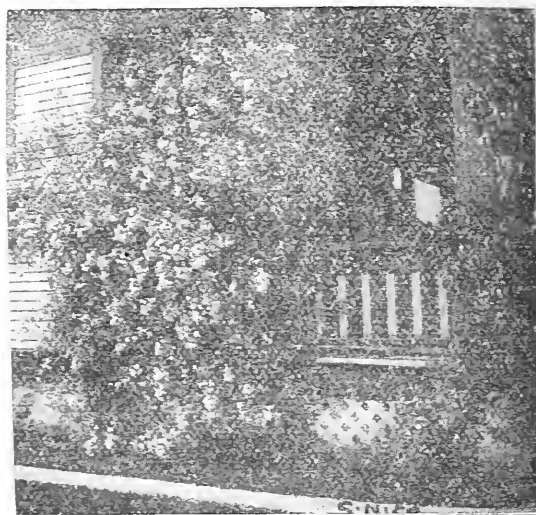
General Jacqueminot.

- X **General Jacqueminot**—Better known as the Queen of the Roses, a justly celebrated Rose, with its superbly colored flowers of a brilliant velvety crimson, and which is fragrant. The Queen Rose is valued by all for its all round good qualities.

- X **Paul Neyron**—This is the largest of all Roses, with its flowers of clear bright shining pink, and deliciously perfumed. It is also a most prolific bloomer, and of strong and vigorous growth. Almost thornless, and very hardy.
- X **Girich Brunner**—This is a seedling from Paul Neyron with brilliant cherry-red flowers of globular form and immense size. This variety has proven as desirable for garden growing as its parent, and is in great demand in all sections of the country.

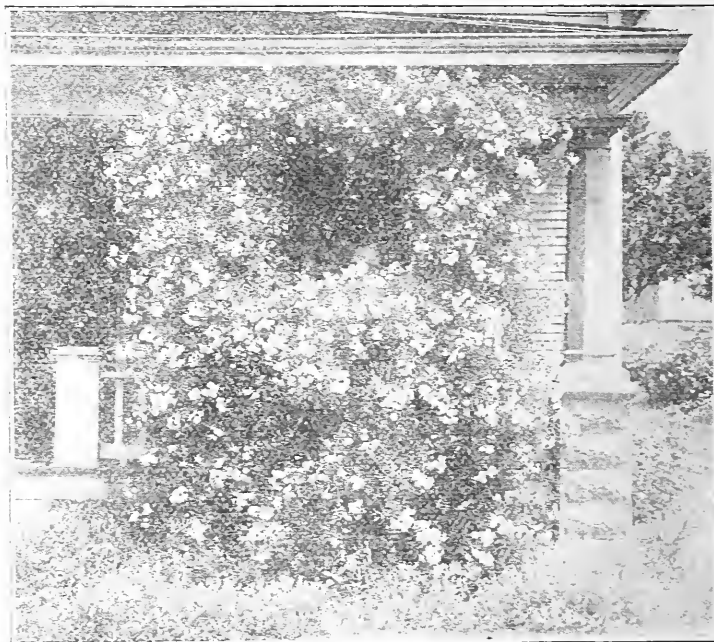
FOR PRICES SEE PAGE 25.

Climbing Roses



Baltimore Belle.

- Baltimore Belle**—Flowers of a pale blush or pink, passing to white, very double, and borne in clusters in great profusion, making a mass of bloom. Very hardy and one of the best climbers for Montana.
- Climbing American Beauty**—This comparatively new climbing Rose has proven exceedingly popular in many parts of the country. It is a seedling from the well known American Beauty, with a mixture of Tea and Wichuriana blood, and is similar to its parent in size of bloom, color and fragrance. It is almost a continuous bloomer, a vigorous climber, and has proved to be very hardy.



Dorothy Perkins.

- X **Dorothy Perkins**—Flowers borne in great profusion in clusters, of a beautiful shade of shell-pink; hold their beauty for a long time; fading to a deep rose, and very fragrant. A splendid climber, of vigorous growth and hardy nature.
- X **Crimson Rambler**—This Rose is extremely hardy and of vigorous growth. It flowers in clusters forming a mass of vivid crimson beauty.
- X **Flower of Fairfield**—Another of the same type as the preceding variety, but producing bright crimson flowers in clusters with a white center in each bloom. It is a perpetual summer bloomer and very hardy.

CLIMBING ROSES—Cont.

X Prairie Queen—Introduced in 1843 this is still a standard favorite. It bears rich rosy-red compact, globular flowers in great profusion, is very hardy, and a strong grower.

X Lady Gay—Buds of a deep pink, changing to cherry-red, the open flower finally changing to a creamy white. The blooms are produced in large trusses, and form a mass of beauty from the ground to the top of the vine. It is a perfectly hardy climber.

Baby Ramblers

These Roses all are splendid plants for growing in pots for home decoration. Give them all the sun possible in the summer with good soil and drainage. They rarely grow over 20 inches in height, are continuously in bloom and as a class are very hardy.

X Crimson Baby Rambler—(Erna Teschendorf)—A dwarf form of the Crimson Rambler, with deep crimson clusters of bloom flushed with crimson. A very free bloomer, and if potted before frost will continue through the winter in the home.

X Pink Baby Rambler—(Le Marne)—A dwarf type of bushy habit producing beautiful panicles of bloom the whole summer. Semi-double flowers, bright rose at the edges, rosy-blush inside. Unequaled as a decorative pot plant at any season.

Mlle. Cecile Brunner—Often called the Fairy, or Sweetheart Rose. Produces graceful sprays of perfectly formed small flowers, very double, of a soft rosy-pink, on a rich creamy-white background. A splendid variety for cut flowers.

George Elger—Also known as the yellow Mlle. Cecile Brunner. The color of the bloom is a dainty coppery golden-yellow, opening to a clear deep yellow; borne in large corymbs. A very erect habit of growth, with dark green foliage.

Austrian, or Briar Roses

Harrison Yellow—A fine hardy Rose of double free flowering proclivities. The Austrian or Briar Rose type as a rule do not require much pruning, only to remove the dead and superfluous wood. They are extremely hardy. Each.....\$1.25

Persian Yellow—A large and very fine single Rose, deep golden yellow, very hardy and very floriferous.
Each\$1.25



Persian Yellow.

Prices on Roses

(EXCEPT WHERE SPECIFIED.)



From a Photograph of Our 3-inch Pot Roses.

Our Smallest Size

Planted early, with ordinary care, these will bloom the first season.

From 3-inch pots (see above cut.)

Each, 35c; postpaid45c
From 3-inch pots, per doz., \$3.50; postpaid, \$3.75

THE FAVORITE SIZE

FROM 4-INCH POTS.

CAN NOT BE TOO HIGHLY RECOMMENDED FOR GENERAL
OUTDOOR PLANTING.

From 4-inch pots, each 50c; postpaid.....65c
From 4-inch pots, per doz., \$5.00; postpaid.....\$5.50

LARGE AND SPECIMEN ROSE PLANTS.

In the foregoing list of Roses the varieties which are prefixed X can be supplied in a ONE DOLLAR SIZE. These are magnificent plants, and will produce excellent results.

When SELECT SPECIMEN ROSES are desired, especially where the choice is left to us, we can usually supply SPLENDID SPECIMEN PLANTS at from \$1.50 to \$2.50 each. These larger plants can not be too highly recommended.



Roses for outdoor planting will not be shipped until in our judgment all apparent danger from frost is past.

FROM INDIANA.

Peru, Indiana, Feb. 7, 1921.

State Nursery & Seed Co.,

Helena, Mont.

Gentlemen:—While living in Montana I bought and used your seeds, and found them so good and reliable that I wish you would send me your catalog, that I may get my seeds from you this spring.

Mrs. L. B. Stagg.

Libby, Mont., May 8, 1921.

State Nursery & Seed Co.,

Helena, Mont.

Gentlemen:—Everything I receive from your Nursery is doing splendidly—the trees are all budding out, the Berries are fine, also all the flower plants. I will surely give you all my orders, and am enclosing an order for more seeds.

Yours Respectfully,

F. J. Kelly.

HARDY PERENNIALS

THE STATE NURSERY AND SEED CO. are the largest growers of these plants in the Northwest. Our collection is today the largest and best in this section, and we are continually adding to the list. With no other class of plant is it possible to have as continuous a display of bloom and beauty with as little effort, from the early spring to frosts of fall, as with Hardy Perennials. A bed or border of these plants, properly selected and arranged, will produce a wealth of bloom almost from snow to snow. In the climate of Montana, there is no question but that they are the best class of plants for those who desire a profusion of bloom for the garden, with the least expenditure of effort. Give them any ordinary good soil, enriched with well decomposed fertilizer, and occasional watering through the summer. As soon as the first killing frosts have killed the growth, remove the dead tops and if convenient cover the bed with a mulch of dry leaves, or straw, though this is not absolutely necessary. A good mulch of well rotted fertilizer in the early spring, and spaded lightly into the border will also aid in giving them the necessary stimulus to bring out their best effort for your pleasure.



A Bed of Achillea.

ACHILLEA.

- A. Milliflorum Roseum**—A pink flowered variety with very finely cut foliage, bearing its flowers in compact heads. Twelve to twenty inches. A continuous summer bloomer.
- A. The Pearl**—A well known form of this flower, with handsome double flowers, blooming very early, and with good keeping qualities when cut. 2 feet.
- Each, 20c; postpaid25c
Per doz., \$2.00; postpaid\$2.25

AEGOPODIUM PODOGRARIA VARIEGATUM—(Goutweed)

A splendid hardy perennial, with large variegated foliage, always attractive. The flower stems are from two to three feet in height, bearing large compact heads of white flowers. Absolutely hardy.

Each, 20c; postpaid25c
Per doz., \$2.00; postpaid\$2.25

ALYSSUM SAXATILE—(Gold Tuft.)

One of the most useful plants either for rockery or border. Produces large flat heads of yellow flowers in May and June. One foot.

Each, 20c; postpaid25c
Per doz., \$2.00; postpaid\$2.25

ANCHUSA ITALICA.

Dropmore Variety—Very free flowering plants of a branching habit, with flowers of a gentian blue, and very attractive. Almost continuous bloomer in this section after June. 3 feet.

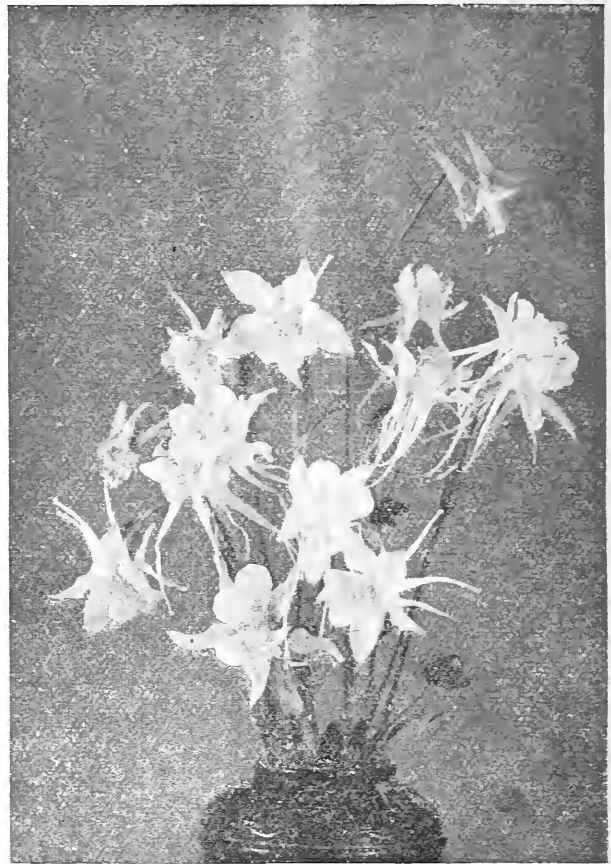
Each, 20c; postpaid25c
Per doz., \$2.00; postpaid\$2.25

AQUILEGIA—(Columbine.)

One of the most satisfactory of hardy perennial plants, producing beautiful spurred flowers on stiff stems. Should be given a sunny position, but succeeds in almost any soil or location.

Each, 20c; postpaid25c
Per doz., \$2.00; postpaid\$2.25

(See Next Column for Varieties.)



Aquilegia.

- Canadensis (Common American Columbine)**—The native bright red and yellow variety.
- Chrysanthia (Golden Columbine)**—Bright yellow, long spurred flowers.
- Coerula (Rocky Mountain Columbine)**—Bright blue and white long spurred flowers.
- Helenae**—A new hybrid with large blue flowers and expanded pure white corolla.
- Nivea Grandiflora**—Fine pure white.
- Veitch's Long Spurred Hybrids**—Mixed colors.
- Each, 20c; postpaid25c
Per doz., \$2.00; postpaid\$2.25

ARABIS ALPINA—(Rock Cress.)

A very early flowering carpet-like plant valuable for rockery and edging. It forms a dense carpet, and is literally covered with white flowers.

Each, 20c; postpaid25c
Per doz., \$2.00; postpaid\$2.25

Creastium Tomentosum—(Snow in Summer.)—A very desirable plant for covering as with a white carpet dry, sunny places. Low growing with white foliage and flowers. Very fine for planting on graves.

Each, 20c; postpaid25c
Per doz., \$2.00; postpaid\$2.25



A Bed of Cerastium.

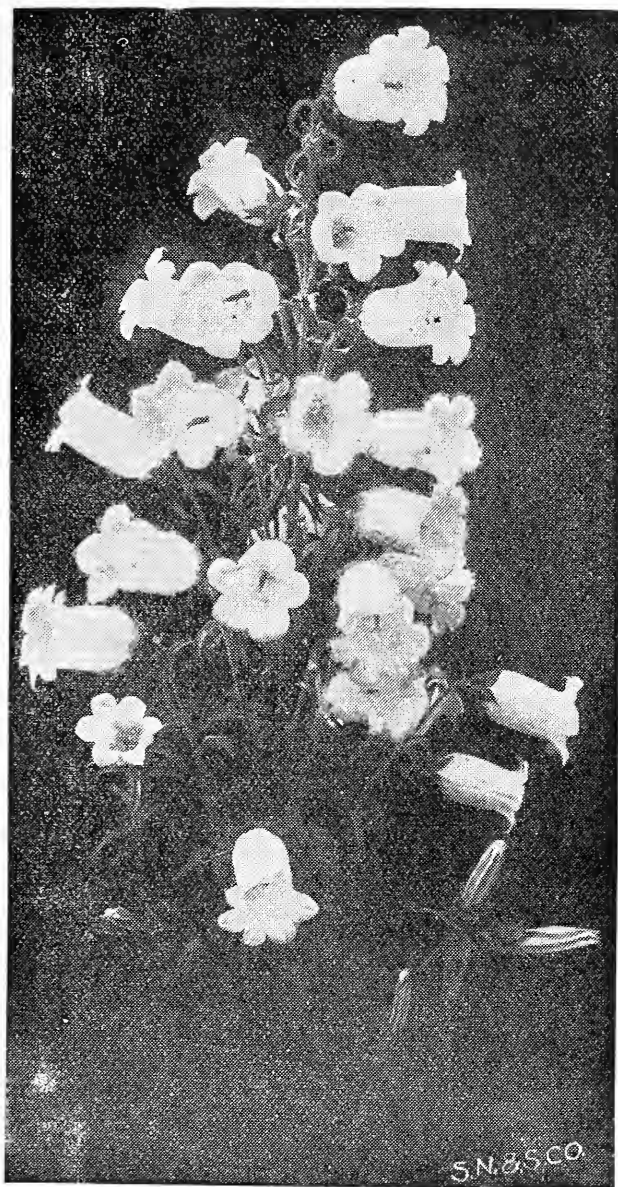
BLEEDING HEART—(See *Dielytra*, Page 29.)**BOLTONIA**—(False Chamomile.)

Among the most showy of our hardy perennial plants, with large single flowers, resembling a single Aster, and borne in great profusion. Three to four feet.

B. Asteroides—Pure white.**B. Latisquama**—Pink tinged lavender.

Each, 20c; postpaid25c

Doz., \$2.00; postpaid\$2.25

COLUMBINE—(See *Aquilegia*.)**Campanula Media**—(Canterbury Bells.)**CAMPANULA.**

Do best in a good rich soil and planted in a half shady place. They are indispensable as border plants. The taller varieties should be staked and all the flowers cut immediately upon fading.

Media—Single in colors of dark blue, white, light blue and rose. **Persicifolia**—(Peach-leaved Bellflower)—Large cup shaped blue flowers. 18 inches.

Calycanthema (Cup and Saucer Canterbury Bells)—They differ from most of the varieties in that the calyx is the same color as the flower, giving it the appearance of the cup and saucer. We offer them in the following shades: Delicate rosy pink, clear-blue, dark blue and pure white.

Pyramidalis (The Chimney Bell Flower)—Blue salver-shaped flowers.

Each, 20c; postpaid25c

Per doz., \$2.00; postpaid\$2.25

CANDYTUFT, HARDY—(See *Iberis*, Page 30.)**COREOPSIS.**

C. Lanceolata Grandiflora—A popular plant everywhere. It bears golden yellow blooms in great profusion, valuable for cut flowers, and lasting well into fall. Two feet.

Each, 20c; postpaid25c

Per doz., \$2.00; postpaid\$2.25

**CHRYSANTHEMUM MAXIMUM.**

The profusion of bloom when the rest of the garden is destroyed by frost keeps them well to the front as a favorite.

Chrysanthemum Maximum—The old variety daisy and does exceptionally well in Montana.

Maximum King Edward VII.—A splendid daisy. Beautiful for cut blooms, two or two and a half feet high.

Maximum, The Speaker—Another fine variety—the cut blooms last a long time.

Each, 20c; postpaid25c

Per doz., \$2.00; postpaid\$2.25

**Shasta Daisy.**

Shasta Daisy—“Alaska”—(Burbank's Improved.) Something new in Shasta, and very fine.

Shasta Daisy—“Market Favorite”—This comparatively new type of the Shasta Daisy has leaped into popular favor, especially when grown for cut flowers. In this field it has no equal.

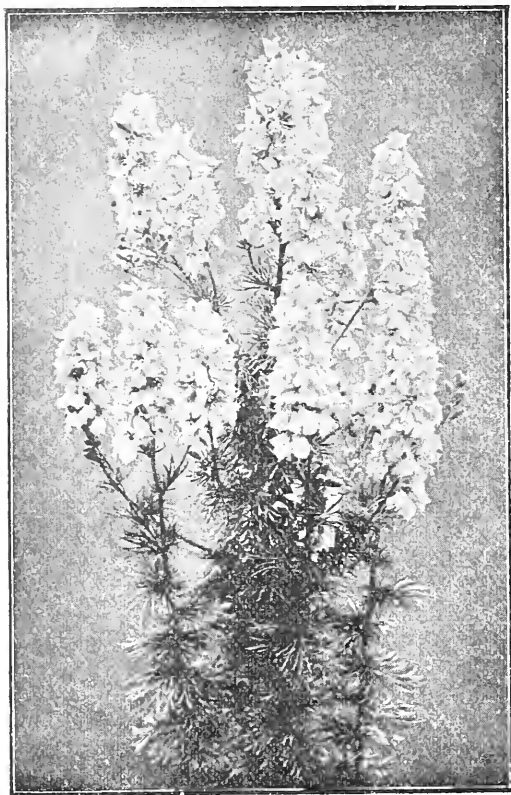
C. Uliginosum—Grows 2 to 3 feet high, covered with large Marguerite-like flowers. The individual flowers are often 4 to 5 inches across and borne on a good stiff stem. One of the very finest of the species.

Each, 20c; postpaid25c

Per doz., \$2.00; postpaid\$2.25

DELPHINIUM—(Larkspur.)

These magnificent flowers are easily one of the very finest Hardy Perennials for the Northwest. The long graceful spikes of bloom are very valuable for cutting, and many of them harmonize wonderfully with other cut flowers. (See next Page.)

**Delphinium—(Larkspur.)**

A splendid perennial plant with its wonderful shades of blue. They are easily grown, but only well rotted fertilizer must be used to get the best results. Bonemeal worked into the soil around the roots is very beneficial. By cutting off the flower stalks as soon as the blooms mature and begin to fade a second and often a third crop of blooms will be secured.

Bella Donna—Torquoise blue.

Formosum—The old standard blue.

Fine Mixed Hybrids, in shades of blue and lavender.

Each, 25c; postpaid30c
Dozen, \$2.50; postpaid\$3.00

**DIANTEUS BARBATUS—(Sweet William.)**

One of the most popular of outdoor bedding plants, throwing strong stems of brilliantly colored blossoms. During the period of their blooming the foliage is completely hidden by masses of attractive blossoms.

D. Latifolius Atracoccineus—(Everblooming Hybrid Sweet William.) A beautiful summer bedding variety producing masses of brilliant, fiery crimson flowers throughout the entire season.
Each, 20c; postpaid25c
Per doz., \$2.00; postpaid\$2.25

SWEET WILLIAM—Cont.

Holborn Glory—This is a large flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams.

The Standard varieties are old time favorites in colors of Scarlet, Crimson, Violet, Red, White, Pink.

Each, 20c postpaid.....25c Per doz., \$2.00; postpaid....\$2.25

DORONICUM EXCELSIUM—(Leopard's Bane.)

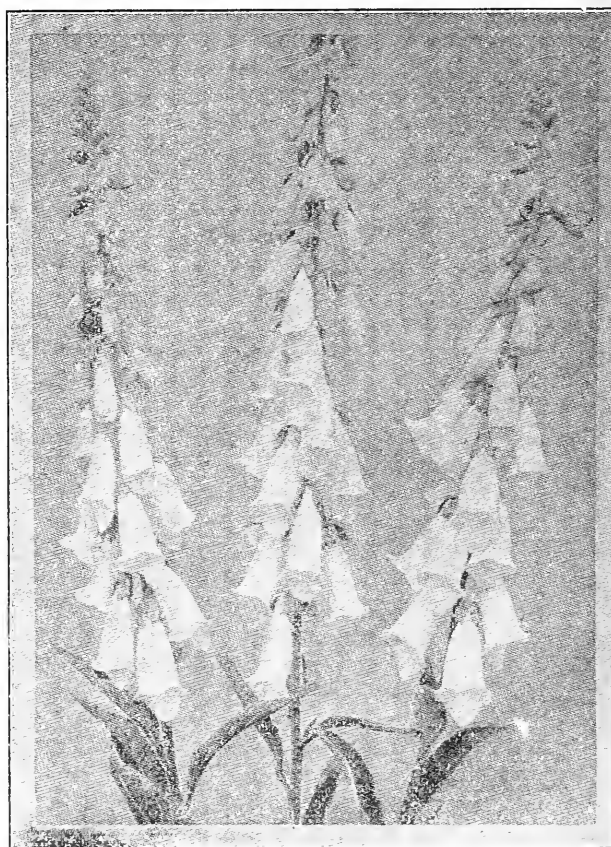
Splendid for cut flowers, having a good long stem, and will last a long time in water; will thrive almost anywhere. Pretty orange yellow. Very early.

Each, 20c; postpaid.....25c Per doz., \$2.00; postpaid....\$2.25

**DIELYTRA—(Bleeding Heart.)**

Dielytra Spectabilis—(Bleeding Heart)—A very old favorite and increasingly planted. Can be planted in almost any part of the garden and stands out prominently. Especially serviceable for planting in the shade. Very scarce this season.

Each, 75c; postpaid85c

**DIGITALIS—(Foxglove.)**

While in bloom these dignified and stately stalks, with their luxuriant foliage, seem to dominate the whole garden.

Gloxinaeflora—A beautiful strain of finely-spotted varieties in beautiful colors of white, purple, rose and lilac.

Grandiflora—Showy flowers of pale yellow, veined brown, spotted varieties.

Each, 20c; postpaid.....25c Per doz., \$2.00; postpaid....\$2.25

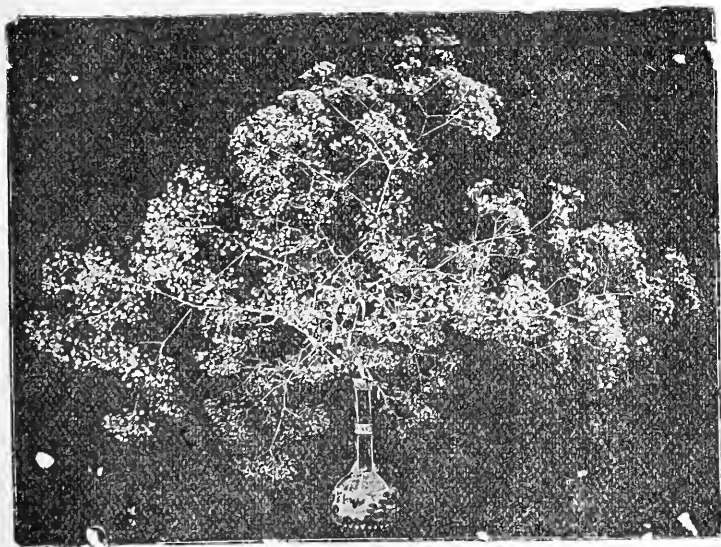
**GAILLARDIA—(Blanket Flower.)**

One of the most beautiful of perennial plants and most popular for cutting. The center of the blossom is a dark red-brown with beautiful markings of brilliant crimson, orange and vermilion, and occasionally a combination of all in the one flower.

Gaillardia Grandiflora—A refined and attractive flower of a beautiful yellow and orange color; sometimes marked with a maroon shade.
Each, 20c; postpaid.....25c Per doz., \$2.00; postpaid...\$2.25

Nepeta (Glechoma) Hederacia Variegata—Variegated Ground Ivy. A most useful variegated creeper for borders or for covering graves and shady places. Quite hardy. Also makes a pretty hanging basket plant.
Each, 20c; postpaid.....25c Doz., \$2.00; postpaid.....\$2.50

Nepeta Mussini—A continuous summer blooming variety with mauve flowers, growing about 8 inches tall.
Each, 20c; postpaid.....25c Per doz., \$2.00; postpaid...\$2.50

**GYPSOPHILIA—(Baby's Breath.)**

The Gypsophilas with their attractively arranged masses of minute flowers should be in every garden. If cut and dried will retain its beauty for months, providing decorative material of the very best.

Paniculata—The popular old-time Gypsophila, much admired for its feathery appearance.
Each, 20c; postpaid.....25c Per doz., \$2.00; postpaid...\$2.25

HELENIUM—(Sneeze Wort.)

H. Autumnale Superbum—One of the ideal hardy perennials for the border, bearing numberless small yellow flowers on a sturdy bush-like plant. 5 feet.

Riverton Beauty—Striking colored blooms, lemon yellow and purplish black.

Riverton Gem—Old Gold, changing to wallflower red.
Each, 20c; postpaid.....25c Per doz., \$2.00; postpaid...\$2.25

HELIOPSIS—(Orange Sunflower.)

A valuable addition to the hardy border, for cut flower purposes, blooming earlier than the sunflowers, and rarely exceeding three feet.

H. Fitcheriana—Flowers about two inches in diameter, double, of a deep golden yellow. Continues in bloom the entire summer. A splendid cut flower.
Each, 20c; postpaid.....25c Per doz., \$2.00; postpaid...\$2.25

**Hollyhocks.****HOLLYHOCKS**

Our careful and scientific selection has resulted in the production of an unequalled strain of this magnificent plant in the best shades of color known, with colossal spikes of bloom, lasting and blooming until frosts put a check on their wonderful vitality and growth. Used as individuals well back in the hardy border, or dotted here and there amongst a bed of hardy shrubs, which they brighten with their brilliant spikes of gorgeous color after the shrubs are through flowering for the season, or as a hedge at the rear of a bed of hardy perennials, they cannot be surpassed. The strain we offer must be seen to be appreciated, with flowers whose petals seem as if made of the finest China silk. Give them a well fertilized soil with well rotted manure, deeply spaded, sufficient drainage, a plentiful supply of water in the growing season, and success is assured in any location. Their enormous sale every season proves their popularity.

DOUBLE WHITE
DOUBLE DEEP ROSE
DOUBLE CRIMSON
DOUBLE MAROON

DOUBLE PINK
DOUBLE BLOOD RED
DOUBLE SALMON
DOUBLE YELLOW

Each, 25c; (Postpaid).....30c
Dozen, \$2.50; (Postpaid)\$3.00

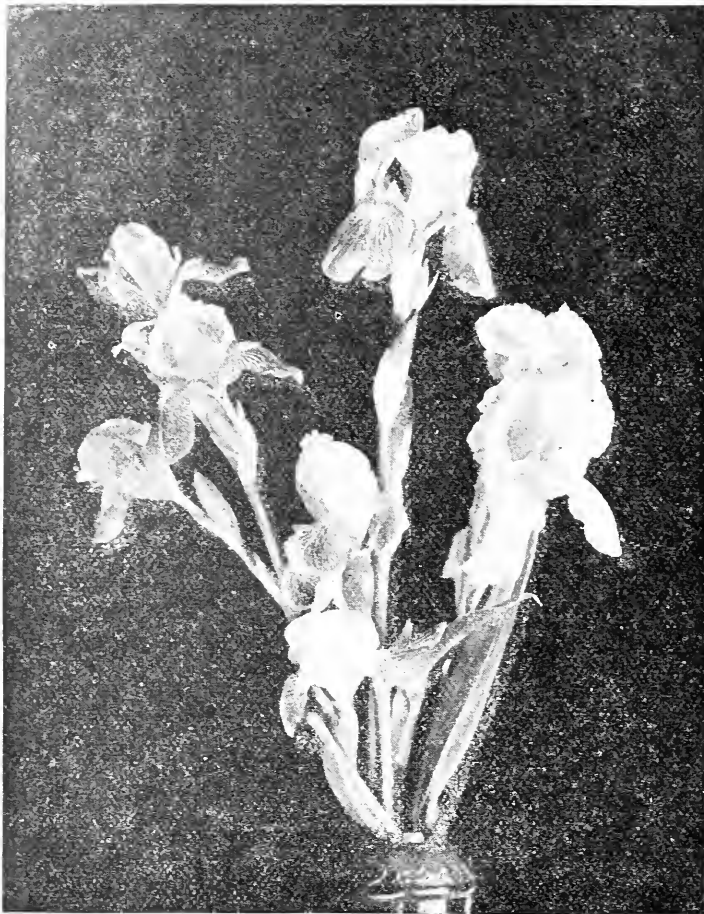
IBERIS (Hardy Candytuft)

A most desirable hardy dwarf evergreen plant, flowering very early in the spring, and literally covering the border with dense heads of bloom. Ten inches.

Iberis Sempervirens—Pure white, immovable flat heads of bloom.

Each, 20c; postpaid.....25c
Per doz., \$2.00; postpaid...\$2.25

IRIS (Fleur-de-Lys)



IRIS.

We are the most extensive growers of Iris in the Northwest, and our collection embraces only the finest varieties of the type known. Extremely valuable as cut flowers, the only rivals of the Orchids in beauty and wealth of delicate coloring, the varieties we offer would hardly be recognized as the scientifically developed descendants of the old time "yellow and purple flag." They are of easy culture, extremely hardy, and will succeed anywhere. "S" indicates the "Standards" or upper petals, and "F" the "Falls" or lower petals.

Black Prince—(Kochi)—(S) Purple Lilac; (F) rich velvety black.
Celeste—(S & F)—Azure blue. Thirty inches.
Chalcedonica—(S) Light mauve; (F) Purple. Thirty inches.
Crimson King—(S & F) Rich crimson purple. Twenty-eight inches.
Florentina Alba—(S & F) Creamy white flushed with lavender.

Very fragrant.
Khediye—(S & F) Beautiful soft lavender. Thirty inches.
Madame Chereau—(S & F) White, edge of petals frilled with blue.
Plumeri—(S) Coppery rose; (F) Velvety claret. Tall.
Purple Queen—(S & F) Large deep purple. Very early.
Queen of May—(S & F) Soft lilac or lavender pink. The nearest pink in Iris. Very beautiful.

Any of the above varieties, 20c each; postpaid, 25c.
 The Collection—No. 1, of the above ten varieties—one of each—for \$1.50; postpaid, \$1.75.

Darius—(S) Rich canary yellow; (F) Lilac margined with white. Twenty-four inches. Very choice.

Gypsy Queen—(S) Old Gold shaded with pearl; (F) Black maroon, reticulated with light yellow. Late, twenty-four inches.

Her Majesty—(S) Lovely rose-pink; (F) Bright crimson tinted with a brighter shade. A most beautiful variety.

Lady Jane—(S) Coppery rose; (F) Madder red, netted with white, a rare color in Iris.

Pallida Palmatica—(S) Lavender; (F) Clear deep lavender. Flowers extra large and fine, one of the best.

Any of the above five varieties, 25c each; postpaid 30c.
 The collection No. 2 of the five varieties—one of each—\$1.00; postpaid, \$1.25.

NEW AND SCARCE VARIETIES.

Caterina—(S) A lavender clear light blue; (F) Lilac blue. Tall, with branching stems. Forty-eight inches, a new variety and scarce. Each 50c; postpaid, 60c.

Dr. Bernice—(S) Coppery bronze; (F) Rich velvety crimson. Very large blooms and very beautiful. Scarce. Each, 50c; postpaid 60c.

Iris King—(True)—(S) Coppery yellow; (F) Crimson bordered with yellow. A very large flower and scarce. Twenty-four inches. Each, 50c; postpaid, 60c.

LARKSPUR—(See Delphinium, Page 28.)

LAVENDULA—(Lavender.)

Who does not know the delicious fragrance of Lavender—rarely equaled and never surpassed by the best perfumes. Grows about 18 inches, and bears a wealth of blue flowers in summer.

L. Vera—The true sweet lavender of our grandmothers' day, and wonderfully fragrant.

Each, 20c; postpaid25c
 Per doz., \$2.00; postpaid\$2.25

HARDY LILIES.



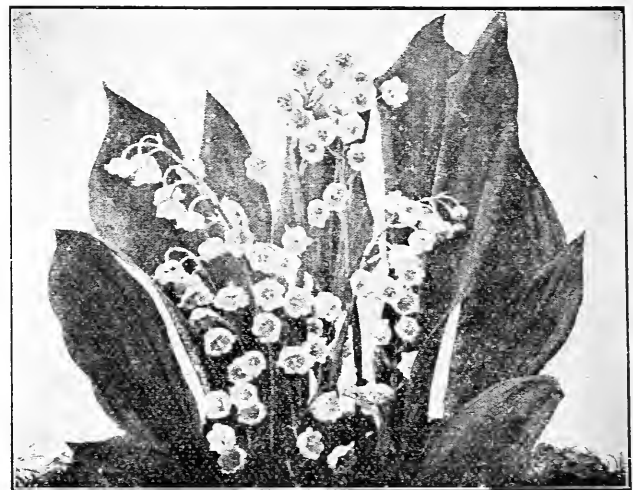
Hemerocallis Fulva.

HEMEROCALLIS.

The Hemerocallis—or as they are often called, Day Lilies—are perfectly hardy and one of the most easily grown and showy perennials.

Hemerocallis Fulva—(Tawney Day Lily)—This variety grows from 4 to 5 feet high, bearing profusely trumpet shaped flowers of a neutral orange color, with darker shadings. Blooms in June and July.

Each, 25c, 50c; postpaid35c, 60c



Lily of the Valley.

LILY OF THE VALLEY—(Convallaria Majalis.)

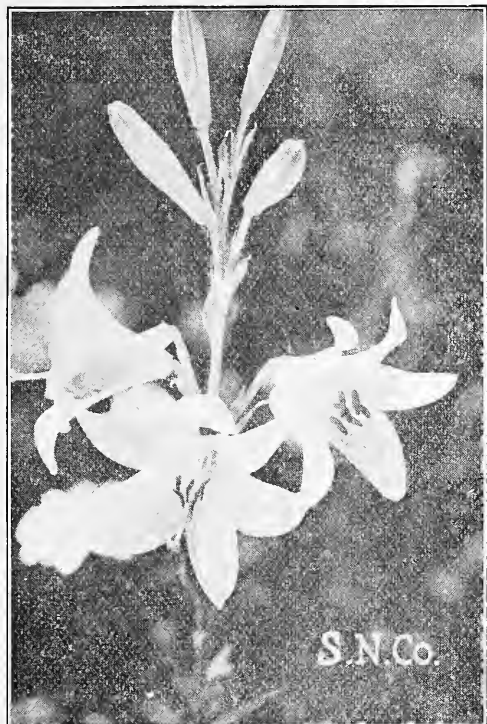
Do not put this beautiful flower in some corner and leave it to literally starve. Give it a liberal mulch of well rotted fertilizer in the fall, or as early in the spring as possible, and note the wonderful beauty with which it will repay you for the attention.

Lily of the Valley—Roots (or pips) of this great favorite.

Each10c; doz., \$1.00
 Each (Postpaid)15c; doz., \$1.25

Tiger Lily—Very large flowers, orange and black. Very floriferous, perfectly hardy, and should be in every garden.

Each, 25c; (Postpaid)30c
 Dozen, \$2.50; (Postpaid)\$2.75

**Madonna Lily.**

L. Candidum (Madonna, St. Joseph's or Annunciation Lily)—
Large white flowers, fragrant, and perfectly hardy.
Bulbs, each50c; doz., \$5.00
Bulbs, each (Postpaid)60c; doz., \$5.50

**LYCHNIS CHALCEDONICA (Ragged Robin.)**

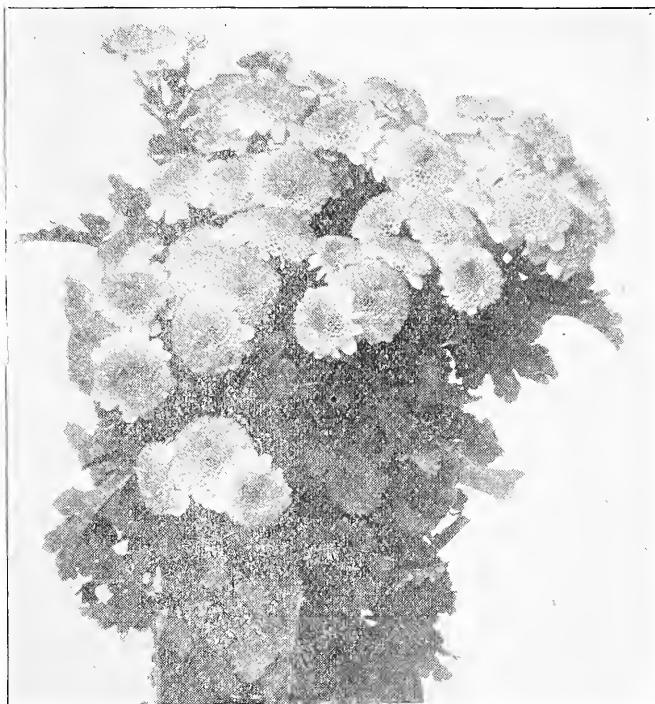
Chalcedonica—Brilliant scarlet flowers in June and July.
Each, 20c; postpaid25c
Per doz., \$2.00; postpaid\$2.25

Nashua, Mont., Nov. 10, 1921.
State Nursery and Seed Co.,
Helena, Mont.

Gentlemen:—I received my flowers and pots in good shape, also thank you for the extra plant you sent as a compliment, I remain

Yours Sincerely,

Mrs. H. F. Anderson.

MATRICARIA (FEVERFEW.)**Matricaria—Golden Ball—Yellow Flowered Feverfew.**

Golden Ball—A beautiful dwarf yellow type of this valuable perennial. Ten to twelve inches.
Each, 20c; postpaid.....25c Per doz., \$2.00; postpaid....\$2.25

PENTSTEMON.

A most useful showy perennial, either for mass planting, the rockery or border work.

**Pentstemon.**

In some respects they rival Phlox, Petunias, etc., especially for bedding purposes.

Barbatus Torreyi—Scarlet spikes, height 3 feet.

Pubescens — Rosy purple.

Digitalis — Purple and white.

Each, 20c; postpaid25c

Per doz., \$2.00; Postpaid\$2.25

PHYSOSTEGIA

(Virginia Heather)

One of the most beautiful of the Hardy Perennials forming dense clumps four to five feet high, with long spikes of tubular pink flowers like a gigantic Heather, and very valuable for cut flowers.

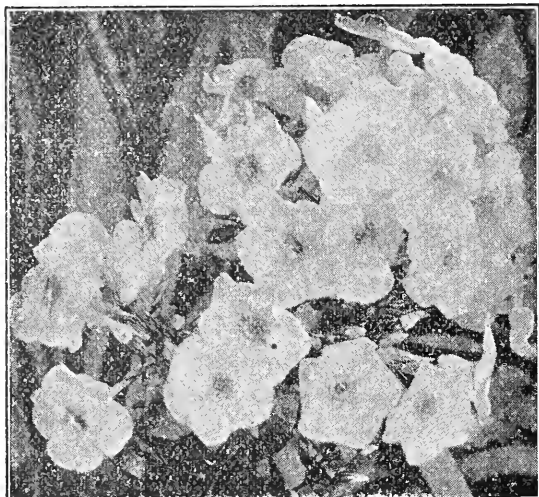
Each, 20c; postpaid25c

Per doz., \$2.00; postpaid\$2.25

PYRETHRUM

Too much cannot be said about this superb perennial, which will thrive under almost any conditions. Splendid for cutting, lasting a week in good condition.

Hybridum, Mixed (Single)—In the choicest shades of red and pink. June flowering.

HARDY PERENNIAL PHLOX

This is one of the hardy perennials in which we have been selecting and specializing for several years, until we have secured a collection that has no equal in the Northwest, well tested for hardiness, beauty of bloom and free flowering proclivities. The large beds of these—in the open field—are the admiration of every visitor to our nurseries in their season, and until the early frosts prevented their blooming longer, were a kalidescope of wonderful color.

P. G. Von Lassburg—The purest and largest white known.
Geo. A. Stroheim—Bright scarlet with crimson red eye.
Edmund Rostand—Reddish violet, shading brighter toward the center of petals.
Siebold—Bright scarlet and one of the very best of its class.
Vesuvius—Red with bright purple eye. Quite showy.
Von Hochberg—The finest crimson.
Elizabeth Campbell—Very bright salmon pink with dark red eye.
Pantheon—Bright carmine rose.
R. P. Struthers—Bright rosy carmine, with claret red eye.
De Mirabel—White suffused with rosy scarlet; crimson eye.
Bouquet de Fleurs—White, with a cherry eye.
Miss Lingard—A grand early dwarf white variety.
Drago—Light red with dark eye.
Elegantissima—A large flowered early white.
Verdi—A beautiful rosy-pink.
 Each, 20c; postpaid.....25c Per doz., \$2.00; postpaid....\$2.25
 Large three-year-old clumps from the open field—
 Each, \$2.50; postpaid\$3.00

HARDY PINKS.**PINKS—(Hardy.)**

These are the old time Spice or Clove Pinks, and are indispensable for edging the hardy border, and also make beautiful independent beds. Their fragrance is delightful, are a most excellent cut flower, and will grow and succeed anywhere.

Homer—Rosy red with dark center.
Her Majesty—Large pure white flowers. Very fine.
Juliette—White laced crimson.
Stanislaus—Rose with crimson ring.
Swan—An everblooming white.
 Each, 20c; postpaid.....25c Per doz., \$2.00; postpaid....\$2.25

POPPIES.**ORIENTAL POPPY.**

The Perennial Poppies with their rich and brilliant colors make a dazzling effect during the summer months, and whether planted singly or in masses their large flowers and freedom of bloom render them conspicuous in any position. They are of the easiest culture, almost any kind of soil suits them, but they do best in a deep rich loam. Give them water occasionally during dry weather and they will increase in size and floriferousness for several years.

Oriental King—Large size, rich crimson.
Princess Victoria Louise—Salmon pink.
Goliath—A large flowered bright scarlet of strong growth.
 Each, 25c; postpaid30c
 Per doz., \$2.50; postpaid\$2.75

**Iceland Poppies.**

Iceland Poppies—These plants give a profusion of cup-shaped flowers throughout the entire season and are very useful for cutting. Colors white, yellow and orange.
 Each, 20c; postpaid25c
 Per doz., \$2.00; postpaid\$2.25

RUDEBECKIA—(Golden Glow.)

Golden Glow—This most popular plant has received an additional impetus by being adopted as the Official Flower of the City of Helena. It is most easily grown—perfectly hardy, and will succeed anywhere with but little care. Four to five feet. Each, 35c; postpaid, 40c; per doz., \$3.50; postpaid, \$4.00.

SAPONARIA.

Saponaria Officinalis Flore Pleno—Double flowered Bouncing Bet. A double pink and white flowered hardy perennial, growing 12 to 18 inches. A splendid border plant.

Each, 20c; postpaid25c
Per doz., \$2.00; postpaid\$2.25

SCABIOSA JAPONICA

One of the handsomest of the hardy perennials, bearing on long wiry stems beautiful artistic lavender blue flowers. A fine cut flower, 18 to 24 inches.

Each, 20c; postpaid25c
Per doz., \$2.00; postpaid\$2.25

STATICE—(Great Sea Lavender) (Limonium)

S. Latifolium—A noble plant for hardy border. Produces clumps of leather-like leaves, with heads of bloom which frequently measure 24 inches across, covered with small flowers and lasting until frost. The flower sprays when cut and allowed to dry will keep in almost their fresh cut appearance for months. We cannot recommend this valuable hardy perennial too highly, not only for its appearance in the hardy border, but also for its wonderful keeping and decorative qualities when cut and dried.

Each, 25c; postpaid30c
Per doz., \$2.50; postpaid\$2.75

S. Sinuata—Another splendid variety, with purple flowers, larger than those of *S. Latifolia*, and also a splendid subject for cutting and drying for decorative purposes in winter.

Each 25c; postpaid30c
Per doz., \$2.50; postpaid\$2.75

SHASTA DAISY—See *Chrysanthemum Maximum*, Page 28.

SWEET WILLIAM (See *Dianthus*, Pages 28-29.)

SWEET ROCKET—(Hesperis.)

Strong growing perennials, forming bushy plants 3 to 4 feet high. Well known, and very valuable for cut flowers. Will succeed in almost any position.

Each, 20c; postpaid25c
Per doz., \$2.00; postpaid\$2.25

THALICTRUM DIPTEROCARPUM

(Meadow Rue.)

This type of the Meadow Rue is a comparatively new introduction, and is without doubt one of the finest perennials which we have had the pleasure of offering to our customers. The foliage resembles that of the *Aquilegia* or *Columbine*. The spikes of rosy-purple flowers, with bright yellow anthers, are borne in great profusion, raising to a height of 2 to 3 feet, making it one of the most graceful plants for the hardy border. In exposed locations a light protection in winter will be found beneficial.

Each, 50c; postpaid65c

VALERIANA OFFICINALIS—(Hardy Garden Heliotrope.)

A fine hardy plant, with very showy heads of rosy white flowers, produced in great numbers on stems about three feet high, heliotrope scented. A constant bloomer until frost.

Each, 20c; postpaid25c
Per doz., \$2.00; postpaid\$2.25

VERONICA SPICATA.

This well known "Speedwell" is one of the best of the genus, bearing long spikes of blue flowers from July until the early frosts. One to two feet.

Each, 20c; postpaid25c
Per doz., \$2.00; postpaid\$2.25

VINCA (or Periwinkle.)

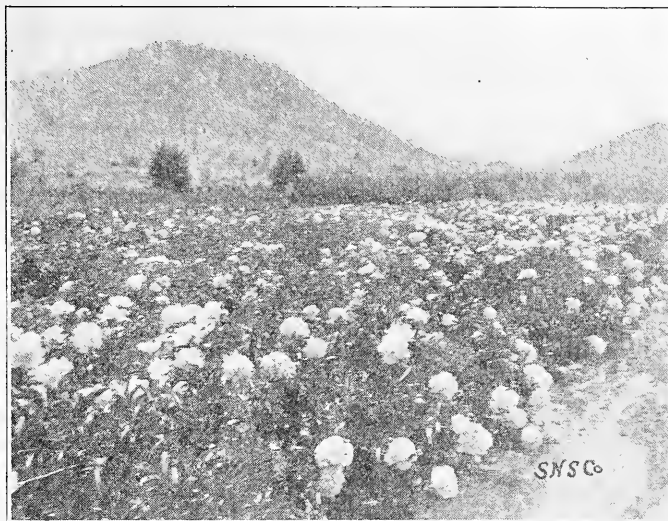
V. Minor—Also known as Trailing Myrtle. This pretty evergreen is extensively used for covering graves, producing in the spring an abundance of blue flowers.

Each, 50c; postpaid65c

V. Minor Argentea Variegata—This new introduction is of the same habit as *V. Minor*, equally as hardy, but has beautifully silver edged foliage. A most valuable acquisition.

Each, 50c; postpaid65c

PEONIES



A FIELD OF PEONIES IN BLOOM IN OUR NURSERY

This gorgeous kaleidoscope of color is a wonderful sight, and one that attracts a large number of visitors to our grounds yearly.

These old-time favorites are more than ever claiming the front rank of popularity. The new varieties introduced in recent years with their great variety of exquisite colors and such perfect flowers possess a striking individuality, and planted singly or in groups produce a gorgeous effect. Their only requirements are a good rich soil and a sunny position, which however, is not absolutely necessary as they thrive almost equally well in a partly shaded position. A liberal supply of water during the growing season being sufficient to give an abundance and wealth of flowers, producing a gorgeous effect not equalled by any other flower. Whenever possible, Peonies should be planted in late September and October, to get best results.

PEONIA OFFICINALIS.

This is the old-fashioned Peony and comes into bloom from ten days to two weeks ahead of the other sorts. All are strong growers, with full fragrant flowers.

Officinalis Rosea—Double rose.

Officinalis Rubra—Double blood red. Each, \$1.00 and \$2.00; postpaid \$1.25 and \$2.25.

Officinalis Mutabilis—Pink changing to white.

NEWER VARIETIES.

Baron Rothschild—Deep rose, mid-season. Long stem.

Edulus Superbus—Dark rose with light rose center.

Eugene Verdier—Pink, very full flower.

Felix Crousse—Brilliant red. Each, \$1.00 and \$2.00; postpaid \$1.25 and \$2.25.

Ne Plus Ultra—Dark rose, very large.

Queen Victoria—Creamy white, early.

Fumei—Deep rose, large fragrant flower.

Rosea Magna—Dark pink, lilac center.

Comata—Very dark red. Each, \$1.00 and \$2.00; postpaid \$1.25 and \$2.25.

Festiva Maxima—Creamy white with carmine center.

Lady Bramwell—Silvery rose.

Each (according to size where not priced) 75c, \$1.00, \$2.00
Each (Postpaid) 85c, \$1.25, \$2.25

Hardy Shrubs

Both evergreen and deciduous shrubs are an indispensable part of a well balanced garden. The varieties listed have been proven hardy in this climate, and we are constantly adding to the list, as fast as we determine the hardiness of desirable varieties. Those listed as half-hardy can be grown in this climate successfully with a protection of straw during the winter, the treatment required being the same as described for the winter protection of Roses, on page 20. Not only are hardy shrubs desirable as borders, but very many of them make beautiful specimen plants for the decoration of any lawn, and they are unusually attractive for cemetery planting. A thorough spading of the soil with the addition of well rotted stable manure before planting, and an occasional light cultivation of the surface to keep down weeds, water if in a dry location during the growing season, and a mulch of manure or a light top dressing of bone meal in the fall, are all the requirements that are needed to secure good results. For pruning, very little is required. Shrubs that bloom early in the season should be trimmed immediately after the blooming period is over. Shrubs that bloom late in the season, or fall, should be pruned early in the spring. All that is needed is to keep them trimmed to a symmetrical form, to remove all dead wood, and enough of the surplus wood to insure a good circulation of air and sunshine to all parts of the plant and border. We can usually supply large specimen plants of the varieties listed at a reasonable price. Write for special prices on your requirements in large quantities or specimen plants.

Planting Trees and Shrubs

On receiving Trees unpack without delay, cover the roots with earth and water freely.

The roots should never be exposed to the air after wrapping is removed.

All bruised ends of roots should be trimmed.

When planting do not expose roots by taking more than one tree at a time.

All Trees should be planted about 2 inches deeper than they were at the nursery. (The mark at the base determines this depth.)

Soil should be firmly packed around the roots. This is an essential point.

Complete by well watering.

GUIDE TO PLANTING TREES, SHRUBS, ETC.

30 feet apart each way.....	Trees to Acre	48
25 feet apart each way.....		69
20 feet apart each way.....		108
18 feet apart each way.....		134
15 feet apart each way.....		193
12 feet apart each way.....		302
10 feet apart each way.....		435
8 feet apart each way.....		680
6 feet apart each way.....		1210
5 feet apart each way.....		1742
4 feet apart each way.....		2722
3 feet apart each way.....		4840

CORNUS—(Dogwood.)

Our Native Dogwood is a very ornamental shrub and in rows it is an effective windbreak. White flowers followed by white berries.

Each, 50c; postpaid75c

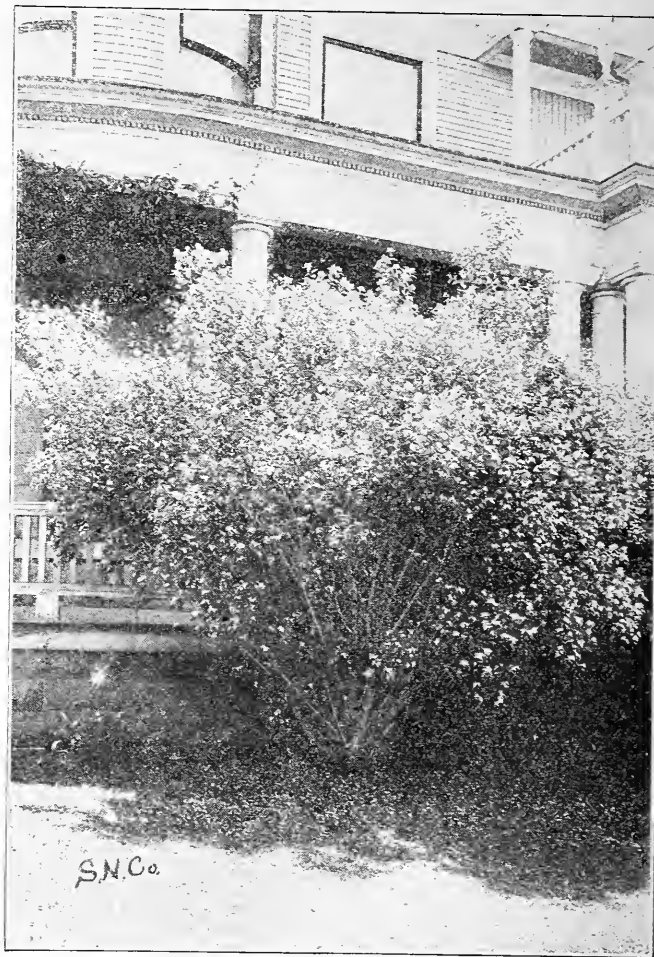
DEUTZIA GRACILLIS.

A handsome dwarf growing shrub, which actually covers itself with a mass of pure white blooms, borne in racemes, opening before the foliage has time to develop. One of the earliest shrubs to flower. Half-hardy, and requires protection in winter.

Each75c

ELDERBERRY—(See Sambucus, Page 36.)

HONEYSUCKLE (Bush)



Russian Honeysuckle.

Russian, Bush or Tartarian—One of the best shrubs. Many people think it is a vine, but it is a distinct shrub as much as a Lilac is. If you have not seen this, we strongly recommend it to you. For planting against a wall or anything to be hidden it is unsurpassed. For hedges it is also of great service. During the Spring months it is entirely covered with white and pink blossoms. It rivals the Lilac in beauty and excels it in hardiness.

Each50c and \$1.00
Large specimens\$2.00

LILACS

These shrubs have been planted for generations, but are as great a favorite today as ever. Our stock of Lilacs is complete and without rival in the northwest. The shrubs never looked better and the prices, compared with the quality and size of the bushes are unequalled. Our selection includes all the standard varieties and the most recent introductions. The strong and hardy Lilacs sent out by us cannot be beaten. Our Lilacs are Montana grown and adapted to the northwest climate, especially the Purple, White and Persian varieties of the Bush types.

BUSH LILACS.

Purple—One of the most popular and extensively planted.

White—Flowers are a fragrant, beautiful white.
Each, either variety75c and \$1.00
Large blooming plants, each.....\$3.00 and \$5.00

These cannot be too extensively planted in Montana, and are one of the very best shrubs anywhere.

Purple and white Lilacs make splendid hedge plants. Write for prices in quantity, stating number desired or length of hedge to be planted.

Madame Lemoine—Magnificent panicles of large double white blooms. (In tree form also.)

Each75c and \$1.00

Persian—This is quite distinct, with small foliage, graceful growth. Color the true lilac shade.

Each\$1.00, \$2.00

Lilac Rooted Cuttings—We receive many inquires for young plants suitable for the planting of hedges of these favorites, and are now prepared to offer well rooted cuttings of the Purple and White varieties for this purpose. These are the varieties that have proven the most hardy and adaptable for this use in this climate. Per 100\$10.00



Purple Lilac



A Hedge of Lilacs.

TREE LILACS

The Tree Lilac is one of the many improvements that have been made on the "old purple" and has permanently set the Lilac in the front rank as an ornamental shrub. The Tree Lilac was introduced in Montana by us ten years ago and has proven a decided success.

Double Varieties.

Dr. Masters—Bears enormous spikes of bloom, often twelve inches in length, of a light clear lilac color, with a lighter center. Each, \$1.50.

Dr. Troyanowski—Mauve flower, borne in enormous broad panicles. Each, \$1.25.

Mme. Casimer Perier—A superb variety, with creamy white flowers. Each, \$1.25.

Mme. Abel Chatney—Superb double white. Each, \$1.50.

Mad. Lemoine—Double white, very fine, Each, \$1.00.

Single Varieties.

Souvenir de Ludwig Spaeth—Dark purplish red; large flowers. Each, \$1.50.

Vivian-Morels—Light bluish lilac white center; good all round variety. Each, \$1.50.

William Robinson—Violet mauve; popular. Each, \$1.50

Colemariensis—Large pale blue flowers, fine foliage. Each \$1.50.

Aline Mocquery—Of dwarf compact growth, flowers a dark purplish red, very profuse bloomer and one of the finest. Each, \$1.25

De Miribel—Large panicles of bluish violet, very dark and rich. Each, \$1.50.

Toussaint L'Overture—Very dark purple blooms, very oddly wrinkled. A handsome variety. Each, \$1.25.



Home of the late J. A. Terry—Buffalo, Wyo.

Buffalo, Wyo., Jan. 30, 1921.

State Nursery & Seed Co.,
Helena, Mont.

Gentlemen:—The above is a photo of my house showing your vines and grass. I wish to say, that within sixty days from sowing I had the most perfect lawn in the city, and that I was cutting most of it within forty-five days after seeding. It was sown with your Rocky Mountain Lawn Grass Mixture with Dutch Clover. The Virginia Creepers made a most remarkable growth, perhaps ten feet in the one summer.

Yours Very Truly,
J. A. Terry.



Philadelphus.

PHILADELPHUS.

P. Gordonianus—(Syringa or Mock Orange)—A beautiful and well known flowering shrub; a native and therefore quite hardy; very rich fragrance.

Each50c and \$1.00

Postpaid75c and \$1.25

P. Nivalis—(Double Syringa or double Mock Orange)—A dwarf growing type, with double flowers, fragrant and very free flowering. A splendid Hardy Shrub.

Each, 50c; postpaid75c

OLEASTER—RUSSIAN OLIVE.

(Elaeagnus Augustifolia.)

This is a decided acquisition to our hardy shrubs. The foliage is of a deep green on the upper side, and silvery white underneath, narrow and about three inches long. The flowers are yellow, very fragrant, and borne in great profusion in June. Its bushy habit will make it a favorite for hedge and screen purposes, as well as for ornamental specimen planting.

Each, 3 to 4 feet.....\$1.00

We are fortunate in being able to offer this season a supply of young stock of this valuable hedge plant. These plants are from 6 to 12 inches—just right for hedge planting—to secure the best results. Plant 8 to 10 inches apart. Price \$6.00 per 100.

SAMBUCUS—(Elderberry.)

Very useful for a screen or windbreak.

Each, 50c; postpaid.....75c

SIBERIAN PEA—(Caragana.)

Notwithstanding recent introductions of similar shrubs this favorite holds its own. It bears yellow, pea-like blossoms during May and June, and is one of the best Hedge plants for Montana. Write us for prices on these for hedges, stating number or length of hedge to be planted.

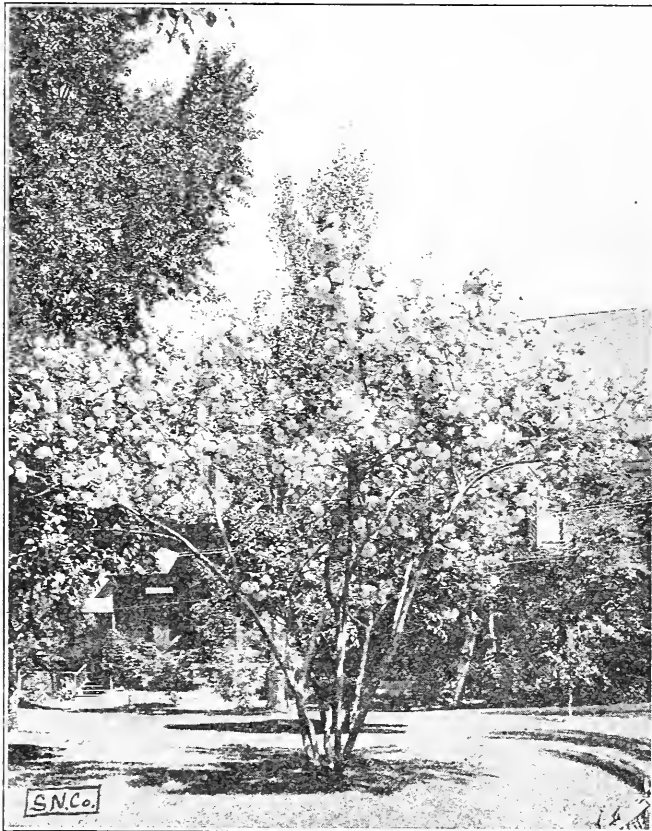
Each, 75c; postpaid85c

As in the case of the Russian Olive, we are able to offer our patrons a limited supply of young stock of this old favorite hedge plant, from 8 to 12 inches—the very best size for making a good permanent hedge. Write for prices, stating the number desired for the length of hedge to be planted for quotation.

SNOWBERRY.

One of its most valuable features is the succession of pure white berries immediately after the blooming is finished.

Each, 25c and 50c; postpaid.....40c and 65c



Snowball.

SNOWBALL—(Viburnum.)

Always a favorite, with its large globular, pure white flowers. Stands out conspicuously in any landscape work.

Each, 3 feet, 75c; 4 feet, \$1.00; postpaid, \$1.00 and \$1.25

"ESPECIALLY PLEASED WITH THE ROSES"

Absarokee, Mont., April 24, 1921.
State Nursery & Seed Co.,
Helena, Mont.

Gentlemen:—I received the Roses, Lilacs and Apple Trees a day or two ago. To say I am pleased is putting it mildly, as every thing you sent was just what I wanted, and in the very best of shape. I am especially pleased with the Roses.

Mrs. E. A. Reber.

R No. 4, Blackfoot, Idaho, March 2, 1921.
State Nursery & Seed Co.,
Helena, Mont.

Gentlemen:—I have received the shipment of plants—they are splendid and arrived in fine condition. I am very much pleased with them.

Very Truly Yours,
Mrs. Garfield Bond.

SPIREAS

Spirea Van Houtii (Bridal Wreath.)
In Hill Park, Helena, Mont.

The above photograph was taken in Hill Park in the season of 1921. These wonderful hardy shrubs were literally covered with a mass of flowers, and attracted no end of attention and admiration. Placed as they are near the G. N. Depot, they caught the eyes of many visitors to this City—a veritable fountain of bloom. These can not be too extensively planted in Montana. The shrubs and trees in this lawn and park were supplied from our Nursery, and the wonderful lawns were sown with our Rocky Mountain Lawn Grass mixture.

Van Houtii (Bridal Wreath)—The grandest of all the White Spireas: it is of compact habit and a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, almost completely covering the foliage.

Each, 50c; postpaid65c
Each, 75c; postpaid\$1.00
Each, \$1.50, large, by express only.

Sorbifolia (Ash Leaved Spirea)—Beautiful foliage and white flowers.

Each, 50c; postpaid75c

S. Anthony Waterer—A valuable dwarf variety. Bearing pink heads of bloom, which are produced in great profusion. Considered one of the best of the pink Spireas.

Each, \$1.00; postpaid\$1.25

S. Prunifolia—Another favorite variety. It produces long spikes of double blooms very freely, in May and June.

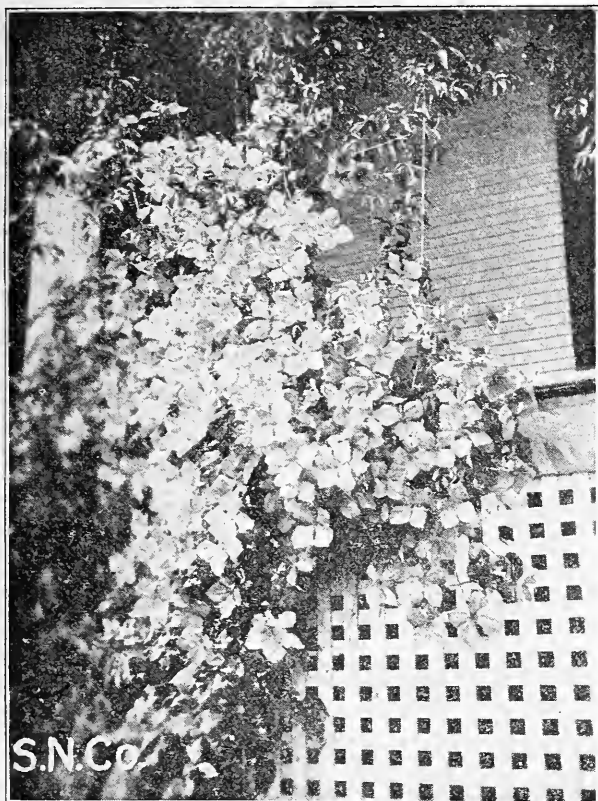
Each, 75c; postpaid\$1.00

LANDSCAPE ARCHITECTURE.

To those desirous of beautifying their premises with tree and shrub planting, we tender our services in this important branch of the business. For small places, send us a sketch of the lot or lots with location of buildings, dimensions, location of entrances, roadways, etc., and exposure. We will cheerfully submit suggestions with estimate of cost of the trees, shrubs, etc., required.

We are also prepared to furnish full detail working blue prints for the smallest to the largest home grounds or city parks, with estimates on same for furnishing of the necessary trees, shrubs, etc., for same. Write us for particulars.

Hardy Vines and Climbers



Clematis Jackmanii in Helena.

CLEMATIS

One of the most popular of all trailing vines, used for covering house fronts or dropping over retaining walls. When in bloom the dense sheets of blossoms, with their most pleasing fragrance, give a beauty indescribable. Their variety of size, coupled with a wealth of bloom, puts them in a unique position.

Native—We have propagated this beautiful vine in great quantity, believing that when it is better known it will be grown wherever a vine is needed. It ranks with the Virginia Creeper in worth and bears magnificent foliage and masses of sweet scented flowers.

Each, good strong roots.....50c; postpaid, 75c

C. Henryii—Large pure white flowers, which are freely produced during summer and early fall.

C. Jackmanii—This is the popular rich purple variety, with large flowers, very hardy and free flowering.

C. Madame Edouard Andre—Red, very attractive.
The above three varieties—

Each, field grown plants\$1.00
Each, field grown plants (Postpaid)\$1.15

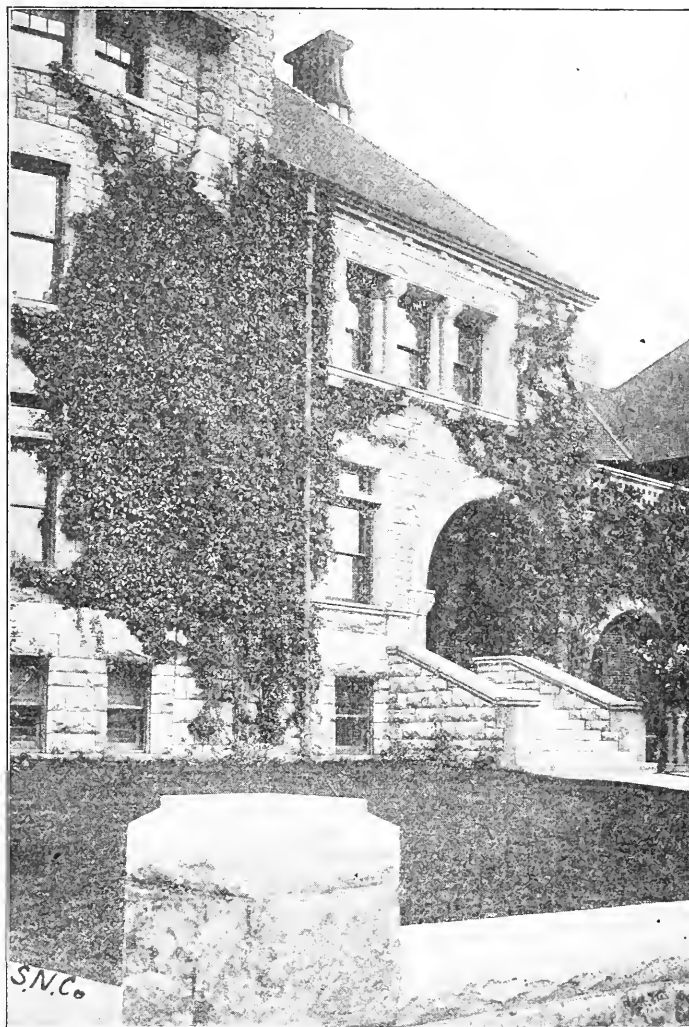
HOP ROOTS

For quickness in covering residence fences, arbors, etc., the Hop Root leads. The peculiar shade of its foliage, extreme hardiness and quick growth makes it a very desirable vine.

Each25c; doz., \$2.50
Each (Postpaid)30c; doz., \$2.75

NOTE—Postpaid prices—where quoted—cover not only actual postage, but the cost of packing, etc., ready for shipment. These prices cannot be deviated from on mail (Parcel Post) shipments.

VIRGINIA CREEPER



Virginia Creeper on a Helena Home.

VIRGINIA CREEPER

(*Ampelopsis Quinquefolia*.)

The well known Virginia Creeper is undoubtedly the very best and most hardy vine that has been introduced into this section. Everywhere that it has been planted it has succeeded wonderfully. It will make a beauty spot of any wall, and is of rapid growth. The foliage is of a rich deep green in the summer months, turning in the fall to the most brilliant crimson and gold imaginable. Our stocks of this vine are perhaps the finest in the country, and for general purposes it cannot be recommended too highly.

Each75c and \$1.00
Postpaid\$1.00 and \$1.25
Extra Large Plants.....\$2.00 each
Extra Large Plants, postpaid.....\$2.25 each

SOLANUM—(German Bittersweet.)

A vine of rapid growth and climbing habit. Foliage is beautiful dark green. In the summer it is covered with violet-purple blossoms and bright green fruits, which turn to a brilliant scarlet. Very hardy.

Each, 25c; postpaid 50c

Shade and Ornamental Trees

IMPORTANT TO TREE BUYERS—In buying shade and fruit trees or other Nursery Stock from **THE STATE NURSERY AND SEED CO.** you are also getting free of charge the experience of **THIRTY-TWO YEARS** of production of these goods in Montana. This can not be offered you by any other house at any price.

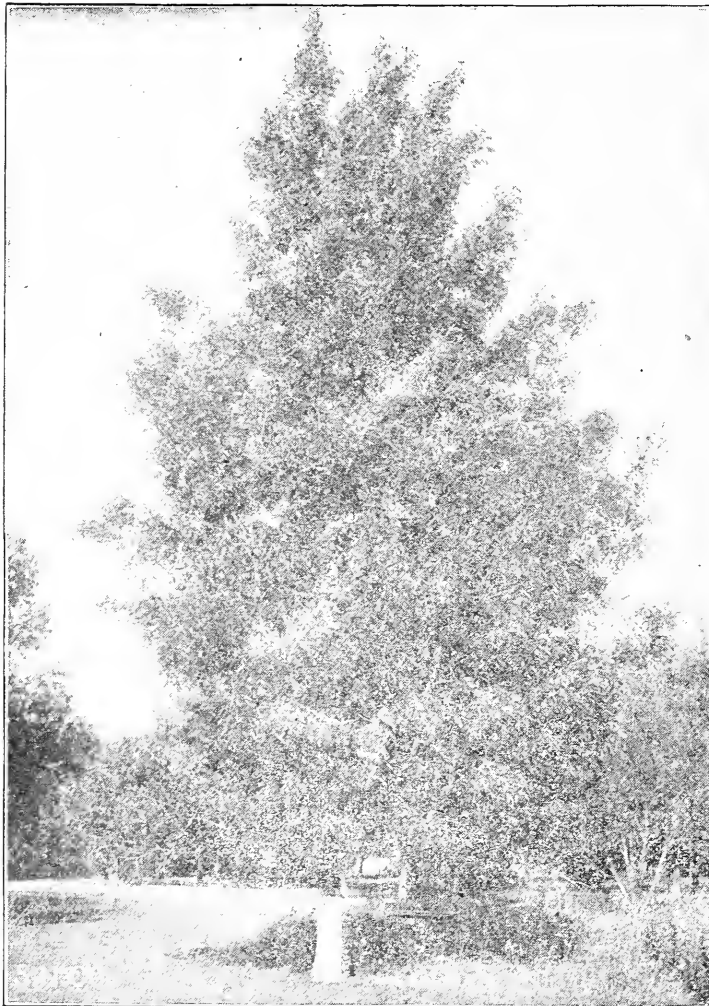
State Nursery and Seed Co.'s trees are the best the Northwest can produce and the numerous unsolicited testimonials we receive bear out that fact. Our location is ideal, with soil that gives all our trees the one essential requirement, a good strong fibrous root.

Our trees are being planted for parking not only by private persons but by many of the cities throughout the State. We cordially invite correspondence from City authorities on this subject.

Ideal packing is our specialty, the trees reaching you in practically the same condition as when they were dug. Trees are wrapped the full length in burlap and the roots covered with wet moss.

Write for special prices when wanted in large quantities.

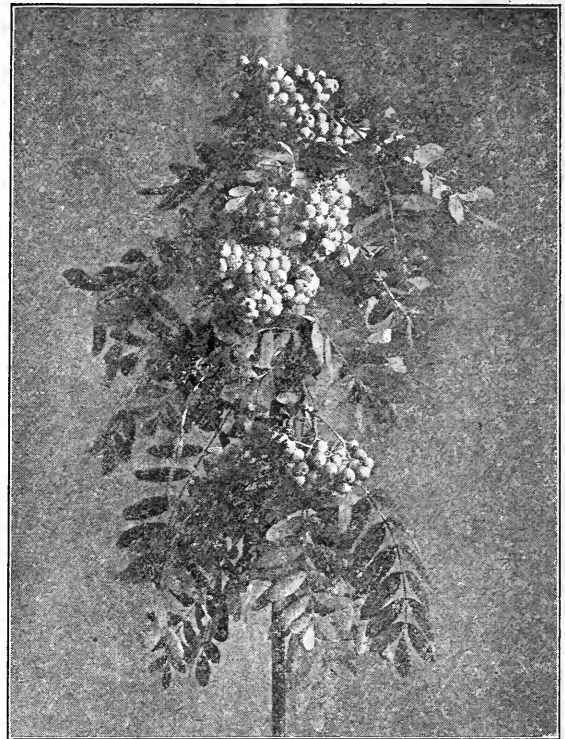
WE GUARANTEE ALL STOCK TRUE TO NAME, BUT CAN ONLY REPLACE TREES THAT DIE THE FIRST SUMMER AT HALF PRICE AS WE USE EVERY ENDEAVOR TO SEND OUT ONLY TREES THAT ARE IN PERFECT CONDITION.



American White Ash.

The best hard wood tree for Montana, being extremely hardy, and growing into a most beautifully formed head. (See cut.) We cannot recommend this tree too highly for this section, either for parking purposes or for planting as individual specimens. We call attention to the \$2.00 size—7 to 8 ft. high. The 7 to 8 foot tree is generally planted for street parking and we invite correspondence from city authorities.

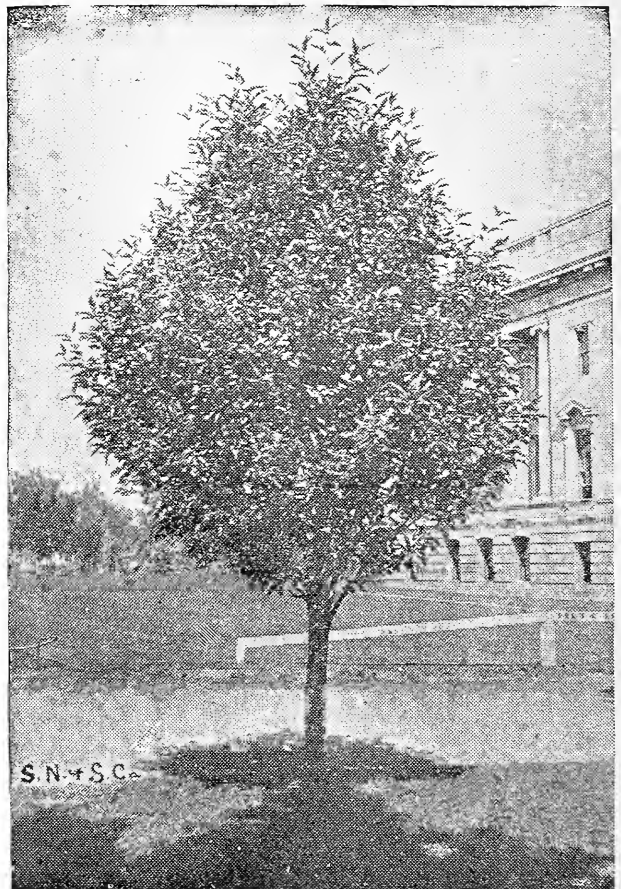
Each, 6 to 7 ft. high.....	\$1.50; doz., \$15.00
Each, 7 to 8 ft. high.....	\$2.00; doz., \$20.00
Each, 8 to 9 ft. high.....	\$2.50; doz., \$25.00
Specimen Trees, 10 to 15 ft.....	\$3.00 to \$5.00



Mountain Ash Berries.

European Mountain Ash—Rowanberry—One of the best of our ornamental trees. extremely hardy, with soft green pinnate foliage. Bears white blossoms in the spring, and red berries in the fall. An ornamental tree throughout the season.

Each 5 to 6 feet.....	\$1.00; doz., \$10.00
Each, 6 to 8 feet.....	\$1.50; doz., \$15.00



Oak Leaved Mountain Ash—Another beautiful tree, of pyramidal growth, with foliage resembling the Oak. A splendid specimen tree for lawns.

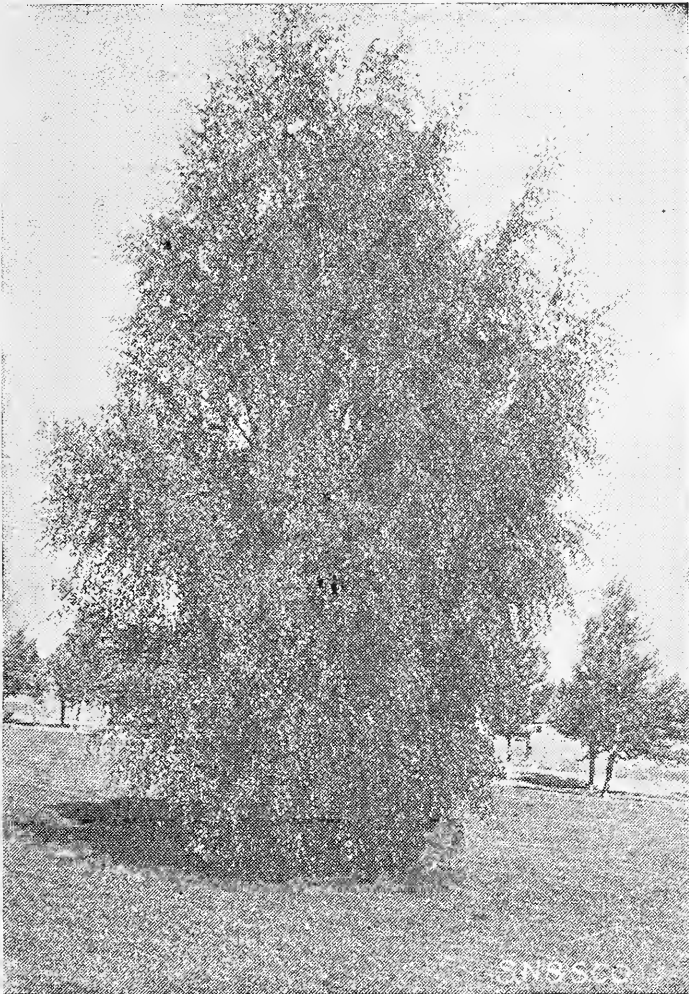
Each, 5 to 6 feet.....	\$1.50; doz., \$15.00
Each, 6 to 8 feet.....	\$1.75; doz., \$18.00

BALM OF GILEAD.

Well matured trees; have the most exquisite dark and rich shades of foliage. This tree takes root easily and will thrive anywhere. See cut next column. One of the very best trees for exposed situations.

To get this really valuable tree for our semi-arid sections better known, especially in the eastern and northern parts of Montana and similar locations, we are offering unrooted cuttings at \$1.50 per 100, F. O. B. Helena. They are easily grown—for directions see page 40.

Each, 5 to 6 feet..... 75c; doz., \$ 7.50
Each, 6 to 8 feet.....\$1.25; doz., \$12.50



Cut Leaved Birch.

BIRCH—(Cut Leaved Weeping.)

The picturesque beauty of its bark and the delicately cut foliage make it very popular. Unfortunately this tree is one of the hardest trees to transplant known, and while we take every possible precaution to insure delivery in perfect condition, we cannot undertake to replace this tree for half price as stated on page 38. We are compelled to sell at purchaser's risk only. However, its great beauty and extreme hardiness when established, make it well worth a trial.

Each, 5 to 6 feet.....\$2.25
Each, 6 to 8 feet.....\$2.75

BOX ELDER.

Often called the Ash Leaved Maple. Requires but moderately rich soil, and is of a vigorous growth. Has been so popularly planted that it needs no description.

Each, 8 to 10 feet.....\$1.25; doz., \$12.50

ELM.

The American Elm is a noble native American tree, attaining a large size, with wide spreading head and graceful drooping branches. It is one of the best park and street trees, and is superb when planted as a single specimen.

Each, 6 to 8 feet\$1.25; doz., \$10.00



Balm of Gilead—Broadwater Hotel Grounds, Helena, Mont.

The above photo shows a splendid specimen of this native tree. There are few situations in Montana where this tree will not succeed well. It is especially adapted for planting on the exposed prairie lands of Eastern Montana and similar localities, and will thrive there well, if given half a chance. They should be freely planted in those regions where there is absolutely no native timber.

NORWAY MAPLE.

The Maples are increasing in popularity owing to the profusion of foliage and majestic upright rapid growth.
Norway Maple—An excellent shade tree, the foliage in the fall assuming very striking tints of yellow.

Each, 6 to 8 feet\$2.50; doz., \$25.00

It is one of the handsomest of the species, of very hardy nature, but very scarce this season.

SOFT MAPLE.

of easy culture, and rapid growth, forming well shaped trees when given sufficient room to develop. Splendid stock.

Each, 6 to 8 feet\$1.25; doz., \$10.00



Block of Young Trees in our Nursery, showing distinctly the healthy virile growth of our stock.

POPLARS.

These hardy trees thrive in almost any soil, and as a class are unequalled for this section. They are of rapid growth, and are used in increasing numbers every year in all parts of this state.

Canada Poplar—This is the hardiest variety of the family, and by far the best for this section. Whether it is desired for shade trees on a lawn—for city parkings—or to be grown as a specimen tree, its handsome foliage symmetrical rapid growth readily distinguishes it from any other tree. The stock we offer of this favorite is equal in all respects to our usual high standard, and the large blocks of them in different stages of growth always attract the attention of every visitor to the outdoor section of our Nursery.

Silver Leaved Poplar—Under side of leaves are a beautiful silver grey, making it decidedly distinct from any of the other varieties.

Norway Poplar—Another good variety, grows to a very large size.

Lombardy Poplar—This variety is a very rapid grower—very erect, forming living pillars of handsome green foliage. This peculiar habit combined with its hardy nature, make it the best variety for windbreaks, the tall green pillars rapidly reaching to a great height.

Any of the above varieties—

Each, 4 to 5 feet.....	50c; per doz., \$5.00
Each, 5 to 6 feet.....	75c; per doz., \$8.00
Each, 6 to 7 feet.....	\$1.00; per doz., \$10.00
Each, 8 feet.....	\$1.50; per doz., \$15.00
Each, 10 feet.....	\$2.50; per doz., \$25.00

Canada poplars only—1 yr., 2 to 4 foot whips.
Per doz., \$3.00; 50, \$7.50; 100, \$15.00.



View of Young Nursery Stock in our Nursery.

The above photograph will give our customers some idea of the care required and appearance of a small section of young stock as produced for the benefit of our patrons. From the young seed beds they are transplanted to Nursery rows known then as "Lining out stock" and yearly transplanting thereafter together with expert care, is what produces the fine quality of trees and shrubs we are able to supply, with good fibrous roots and healthy, hardy growth, suitable for the rigorous climate of this northwestern country.



Windbreak of Russian Willows.

WILLOWS.

One of the most hardy class of trees known. The cultivated varieties we offer are invaluable for the rigorous climate of Montana. They are of very rapid growth, and make fine attractive trees for any position.

Golden Willow—Golden colored growth, makes a handsome specimen tree anywhere, and hardy under all conditions.

Each, 5 to 6 feet.....	75c; doz., \$7.50
Each, 8 feet.....	\$1.00; doz., \$10.00
Each, 10 feet.....	\$2.00; doz., \$20.00

SPECIAL—1 year Golden Willow, 3 feet, \$10.00 per 100.

Laurel Willow—The cultivated Pussy Willow. Not the wild pussy willow of our river bottoms, but a far superior type. Of very upright growth, forming a large, round head, with deep shining green foliage.

Each, 6 to 8 ft.....	\$1.00 10 to 12 ft.....\$3.00
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Russian Willow—A very strong growing tall variety, extremely valuable for windbreaks, very hardy and of very rapid growth and of great value also for specimen trees.

Each, 5 to 6 feet.....	75c; doz., \$7.50
Each, 8 feet.....	\$1.50; doz., \$12.50

SPECIAL—Russian Willow, 1 year, 3 feet, \$10.00 per 100.

LARGE SPECIMENS of the Russian and Golden Willow, 12 to 15 feet can be supplied. Write for prices, stating number required

TREE CUTTINGS.

We sell quantities of Cuttings of the following varieties: Poplars, Willows, Balm of Gilead. These cuttings are about six inches long and in bundles of 100.

Per 100.....	\$1.50; per 1000, \$10.00
Per 100, postpaid.....	\$1.75



A Block of Young Poplars.

These blocks of growing trees—in our nursery, are the recipients of many favorable comments yearly, from the numerous visitors to our plant. Grown as they are, at the very foot of the main range of the Rockies, they possess a most hardy constitution, and a weakling cannot survive the conditions which obtain at this altitude—4400 feet. This makes the trees we offer undoubtedly the hardiest and best adapted for the conditions found in Montana and the surrounding territory that can be offered, and the above photographs show graphically the foundation for the wonderful success that has been had with stock from our nurseries.

PLANTING TREE CUTTINGS.

These are very easy to grow. Take the cuttings as received in the early spring, and plant deeply in a trench, in good soil, placing the cuttings about 3 inches apart. Tread the soil around them firmly, and water well. Do not allow them at any time to lack water. Leave only about two eyes above the ground in planting. Replant the following spring giving them about 12 to 18 inches of space between them, and transplant the second year to places where desired to remain permanently. If more than one eye sends up a shoot the first season, remove the weakest ones, leaving one strong shoot.



KOSTER'S BLUE SPRUCE.
(*Picea Pungens Kosteriana*.)

The above photograph of Koster's Blue Spruce (Supplied by us) was taken in Hill Park, Helena.

This wonderfully decorative plant is quite hardy when planted out in the lawn to grow into a specimen decorative plant. When grown in a tub for decorative work on the porch, and for the house in winter, it is simply beautiful, and when too large, it can be transferred to the lawn for permanent ornamentation. The foliage is a bright silvery blue, of bushy habit.

We have some splendid select specimens of these superb Evergreens three to four feet high. Write for prices on these.

Each, 2 to 3 feet, Balled and Burlapped for shipment, \$10.00 to \$15.00. Express only.

SPRUCE.

The Spruce is by far the most popularly planted, being thought by many the best of the evergreens. Its dense foliage and conical shape makes it very valuable for both ornamentation and windbreaks.

Colorado Blue Spruce—A rich blue foliage and very stiff pointed. This beautiful hardy spruce should be far more planted in this section. It is one of the most attractive evergreens that can be used for any purpose, being equally useful for combination with deciduous trees for windbreaks or for handsome specimen trees for the lawn or ground.

Each, 3 feet\$10.00

Norway Spruce—Very dark green, well formed and dense foliage. Each, 3 to 4 feet Balled and Burlapped for shipment \$7.50

Douglas Spruce—Foliage resembles that of Hemlock; of graceful habit. 2½ to 3 feet.

Each,\$3.00

Write for special prices on specimen trees. Our prices will be interesting.



Yard of C. B. Power Esq., Helena, Montana.

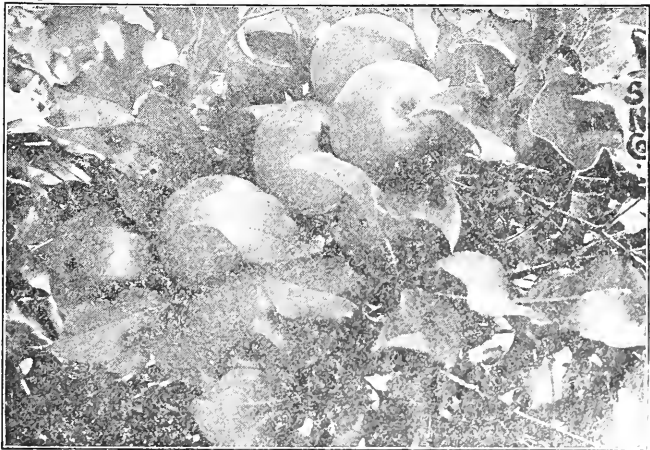
This photo aptly illustrates the beauty that can so easily be obtained in almost any yard by the planting of a few well selected trees.

Fruit Trees and Small Fruits

We are specialists in Fruit Trees for the private individual and our stock is grown especially for this class of trade. Our list is limited, because we offer only what we have proven to be adapted to this climate. Montana is a cold state and it is useless as we have proved from experience—to expect varieties that do well in milder locations to stand our winters. All the trees listed here we can recommend for hardiness and good value, in the best of the standard varieties. Our experience of over thirty years is offered to you in this catalog in its entirety, free of all charge, an invaluable aid to purchasers of Fruit and other trees.

APPLES

Apples quoted this season, while good stock, are scarce. Owing to the effects of shortage of labor during the late war period, it has been impossible to produce the quantity of the larger sizes that is demanded.



Duchess.

Duchess of Oldenburg—One of the hardiest and most reliable of our large apples. Fruit streaked red. (Full size 2 1/2 inches)

Each, 11 1/16 caliper and up, \$1.25; per doz., \$12.00

Yellow Transparent—Earliest and of splendid quality and does well in any exposed situation. Fruit light yellow.

Each, 11 1/16 caliper and up, \$1.25; per doz., \$12.00

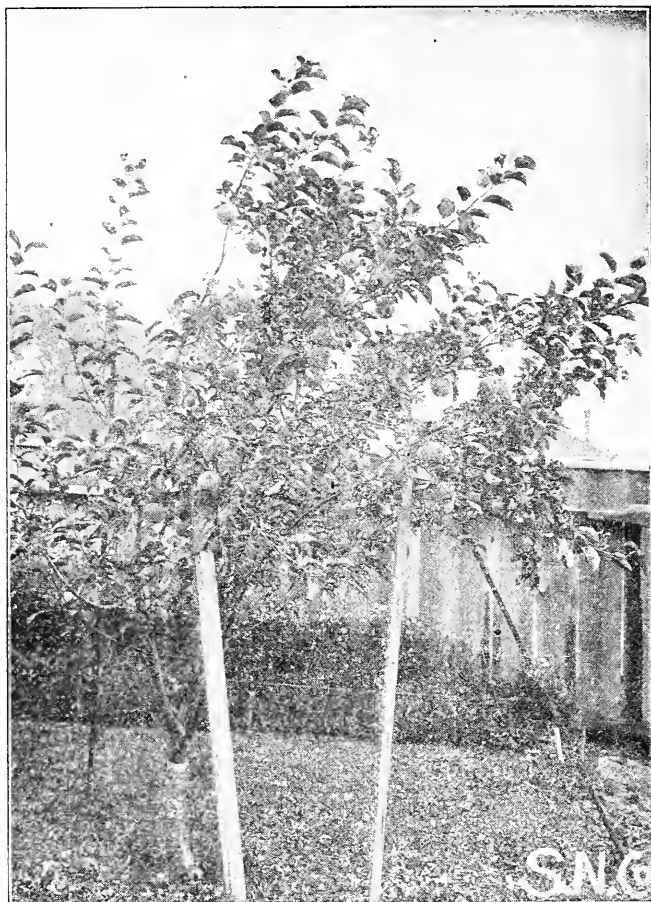
McIntosh Red—Too well known to need description.

Each, 11 1/16 caliper and up, \$1.25; per doz., \$12.00

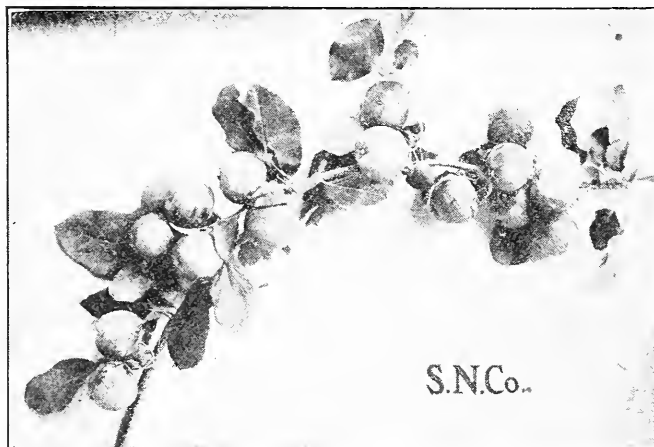
Wealthy—Does well wherever grown. A big white variety for Montana. Large red fruit.

Each, 11 1/16 caliper and up, \$1.25; per doz., \$12.00

Each, 3/2 to 5 3/8 inch caliper \$1.00; per doz., \$10.00



Wealthy Apple in Fruit.



Transcendent Crab.

CRAB APPLES

Transcendent—Very productive; fruit yellow with red cheek. The variety generally used for jelly.

Each, 11/16 caliper\$1.00; per doz., \$10.00

Whitney—Bears quantities of very large fruit. Good both for eating and cooking. Very hardy.

Each, 5/8 to 11/16 caliper.....\$1.00; per doz., \$10.00

Red Siberian—One of the earliest and most prolific fruiting Crab Apples yet introduced.

Each, 5/8 to 11/16 caliper.....\$1.00; per doz., \$10.00

CHERRIES

Cherries do very well in some parts of Montana, while in others they will not succeed. We advise our customers, where Cherries are not grown, to test a tree or two before attempting to plant on a large scale. This will lead to practical knowledge for the different localities, and prevent severe disappointment.

Early Richmond—A splendid variety in dark red.

Each\$1.50; doz., \$15.00

Montmorency—A good hardy red variety.

Each\$1.75



Rocky Mountain Cherry.

Rocky Mountain—Grows to a height of four feet and its load of white blossoms in spring is followed by quantities of black fruit that ripens late. A distinct bush.

Each 3 feet\$1.00; doz., \$10.00

Each 2 feet50c; doz., \$5.00

NATIVE CHOKE-CHERRY

This native tree is extremely useful, absolutely hardy, and should be generally grown both for shade and fruit. The fruit is produced most abundantly, and in is very valuable for jelly.

Each, 5 feet\$1.00; doz., \$10.00

PLUMS

Hanska—A very vigorous growing native plum. Fruit one of the best of the American Plums that has been introduced. Flesh firm and juicy.

Surprise—Fruit large, skin medium thick and tender, of bright red color, flesh pale yellow and of excellent quality.

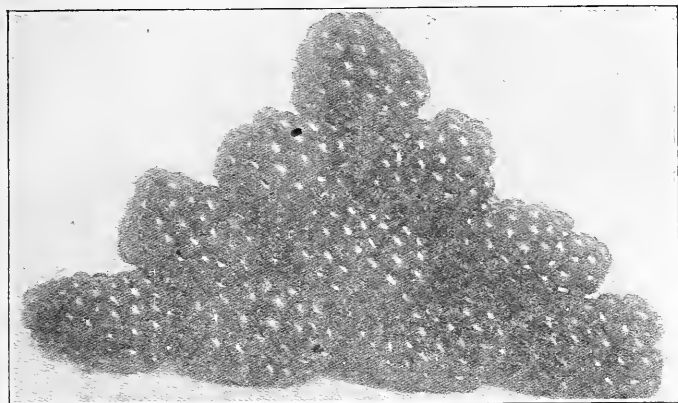
Terry—Another American Plum originating in northern Iowa, and has proven very hardy. A large fruit, color red over yellow, round shape, thick skin, yellow flesh of splendid quality.

Plums, Each, \$1.50; per doz.,\$15.00

COMPASS CHERRY—A cross between a cherry and a plum, and one of the very best fruit trees for Montana. It is very hardy, and will thrive where many other trees will hardly grow. In the spring it is covered with a dense mass of blossoms, making it invaluable for a decorative plant anywhere. It bears enormous quantities of fruit, ripening late in the season, and which are extra fine for jelly making purposes. Order early as our supply is limited.

Each, 2 to 3 feet\$1.00

Pamphlet on **CULTURE OF BUSH FRUIT and STRAWBERRIES**
Free—on Application



Ambrosia Blackberry.

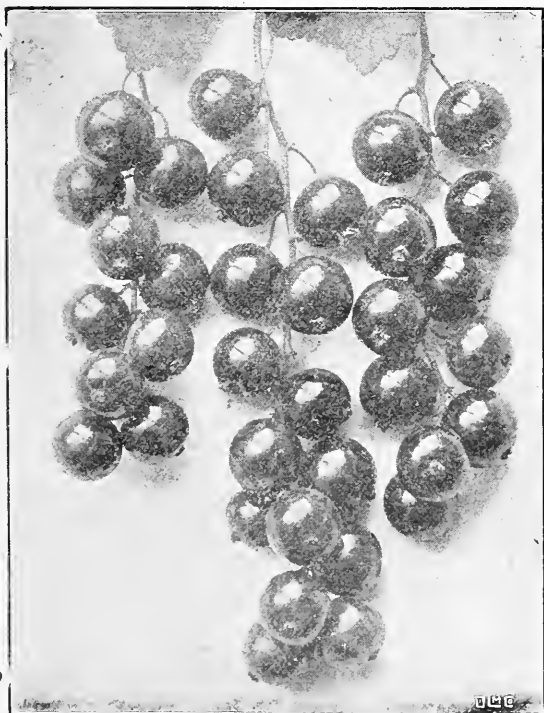
“AMBROSIA” Blackberry

This variety was introduced to Montana by us two years ago, and the demand for it has been very heavy. The following description is given by the originator in Illinois: “It is the earliest Blackberry in cultivation—and out yields any other early variety, five quarts of matured berries having been produced from one well established plant. Fruits very large, of a glossy jet black, sweet luscious flavor, with no core, keeping from 7 to 8 days after being gathered in perfect condition. Canes are sturdy upright growers needing no support with abundant dark green foliage which protects the large quantities of fruit from the sun. Immune from Orange Rust and other diseases. Very hardy, having withstood 32 below zero without injury.”

Price,\$1.50 per doz., postpaid

Snyder Blackberry—Very productive and hardy; fruit sweet and juicy. Ripens early.

Dozen, \$1.00; postpaid\$1.25



Currant (Perfection.)

CURRANTS

Besides being a desirable fruit bush, it also forms a very ornamental bush in landscape work. Our calls for currant bushes are far in advance of supply, a significant proof of their popularity. Our bushes are exceptionally vigorous, upright and compact.

Red Variety (Cherry)—Very productive, color a bright red, in profuse clusters.

North Star—Fruit borne on naked stems, quality rich and mild, good red color.

Fay's Prolific—Fruit average, bright red color, thin skin.

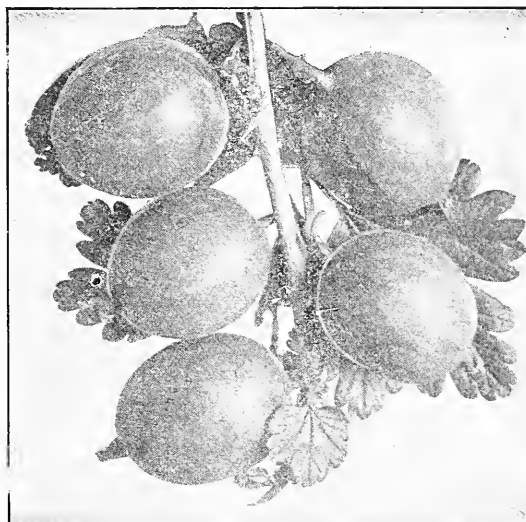
Common Red—Berry medium to large.

Perfection—We offered this ten years ago and met with a great sale. It is a cross between Fay's Prolific and White Grape. Quality superior to any yet on the market. Rich sub-acid flavor with plenty of pulp and few seeds. A valuable addition to the red varieties.

White Grape—The best white variety, of very bushy habit of growth yielding large quantities of large white fruit.

Black Variety (Black Naples)—Fruit varies from small to large, well known variety.

Each, 50c; postpaid65c
Per doz., \$5.00; postpaid\$5.50



Gooseberry.

GOOSEBERRIES

When planted a good distance apart and given good, shallow surface cultivation the Gooseberry does exceptionally well in this state, and should be more generally planted.

Oregon Champion—A splendid green variety, hardy, of good size and flavor. This variety is perhaps more generally grown on the Oregon fruit farms than any other, for market purposes, and is rapidly superseding almost all other sorts for this purpose.

Columbus—Hardy and large, and we have grown it for years in unsheltered positions.

Each50c; doz., \$5.50
Each (Postpaid)65c; doz., \$5.50

Native Wild Gooseberry—We offer this for hedges which are desired to turn dogs or other objectionable animals. They can be kept pruned to any desired thickness and are not metallic.
Each, 3 to 4 feet, 50c; per 100\$30.00

GRAPES

The following varieties are among the earliest.

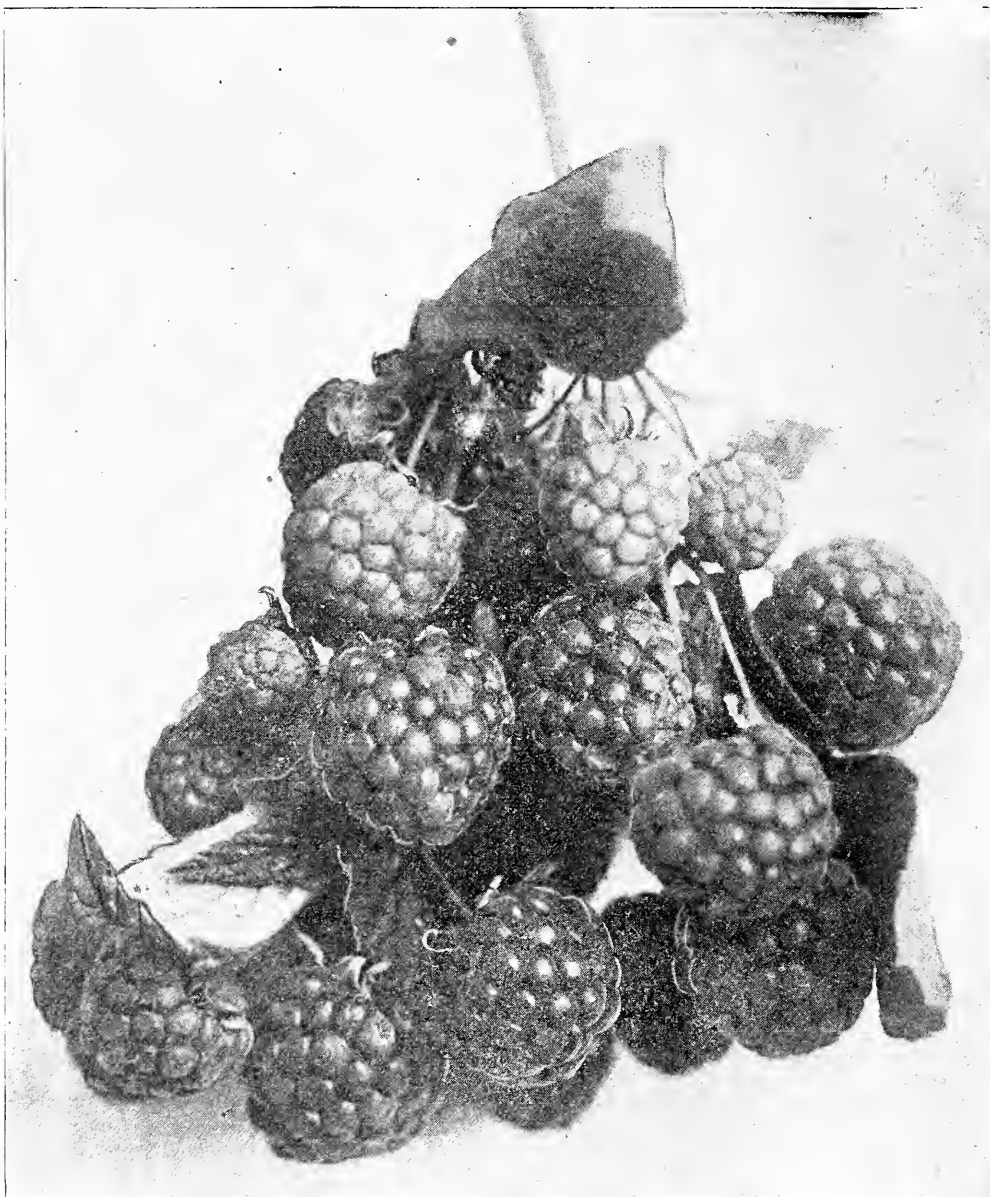
Campbell's Early—An improved Concord.

Concord—The most popular.

Worden—Black, hardy, good quality.

Each (Postpaid)50c

RASPBERRIES



Everbearing Raspberry—King of the Market.

St. Regis—Everbearing, red.

This is perhaps the best known of the everbearing type, and has proven well adapted to general Montana conditions. We have excellent reports on this variety from the western part of the state to the south eastern. Well worth a trial. A very prolific yielder of delicious flavor.

Per doz., \$1.25, postpaid.

ORDINARY TYPES.

Malboro—Strong grower, fruit large and sweet, red.

King—A fine hardy luscious red.

Gregg—Black, splendid yielder. Price, any of the three varieties, doz., \$1.00 postpaid.

Pamphlet on "Culture of Bush Fruit and Strawberries" free on Application.

Roundup, Mont., Oct. 31, 1921.
State Nursery and Seed Co.
Helena, Mont.

Gentlemen:—I received my fern in due time and in fine condition. I am very much pleased with it, thanking you for your promptness and past favors I remain

Mrs. H. E. Chapman.

KING OF THE MARKET

EVERLASTING RASPBERRY.

This is another novelty which we offered for the first time two years ago to our customers, and the demand was greater than we could supply. The following description is taken from the introducer:

"This variety originated in Jackson Co., Ills. The originator for some years refused to part with any of the plants—preferring to keep and grow the fruit for the Chicago market, where it commands a premium over all other raspberries. The plants grow very upright, with strong stems, branching from the ground up, these branches when in full bearing being loaded with fruit. The fruit is of a bright crimson color, extra large and very meaty, very rich in sugar and of a delicious flavor. It has proven an extra good shipper. It is a very heavy yielder, the young canes bearing their first crop in the fall, commencing early in September, and bearing until frost, and again the following spring, lasting through June and July. It is extremely hardy, having withstood 30 degrees below zero in the open field without protestation."

Price, \$1.50 per doz., postpaid.

Lemhi, Idaho, June 10, 1921.
State Nursery & Seed Co.,
Helena, Mont.

Gentlemen:—The plants which I recently ordered from you came in fine condition, and all are growing splendidly in the garden. I am enclosing another order for plants.
Very Truly,
Mrs. Georgia H. Pyeatt.

Meeteetse, Wyo., May 17, 1921.
State Nursery & Seed Co.,
Helena, Mont.

Gentlemen:—The Berries came to hand in splendid condition and all the plants are doing finely.
Yours Truly,
Mrs. Andy Pennoyer.

STRAWBERRIES

Pamphlet on Strawberry and Bush Fruit Culture **FREE**, on Application.

The fruiting plant that stands the severe conditions of Montana's climate with splendid credit to itself is the Strawberry. For the space it occupies in the garden it is hard to find anything to equal it and our patrons show a constantly increasing appreciation of this fact.

Strawberries are either Perfect or Imperfect flowered. Imperfect flowered varieties must be planted in alternate rows with Perfect flowered varieties. Buckbee and Beal are the only varieties listed below which will require this.

We desire to call especial attention to the Everbearing varieties quoted. They should prove of more than usual merit for both home culture and market purposes. About 8,000 plants to the acre.

We do not recommend fall planting.

ORDINARY TYPE VARIETIES

Senator Dunlap, P.—Hardy, strong grower, prolific plant-maker, good bearer of firm berries that stand transportation well. The best early, mid-season berry for Montana and more generally planted than any other. Perfect flowering.

Wm. Belt, P.—No berry sufficiently hardy to stand our high elevations is equal to this in flavor. Plants are good sized and productive. A splendid mid-season berry sure to please all who grow it who like fine fruit. Perfect flowering.

Either of the above varieties (Postpaid), 100, \$2.00

(Not less than 25 of a kind supplied.)

Everbearing Strawberries

This type of Strawberry is becoming a great favorite in the northwest. Their extreme hardiness, combined with their long bearing season, make them doubly valuable.

Progressive, P.—One of the first of the type to be introduced. A fine well colored berry of delicious flavor. A good shape. More generally grown than any other everlasting variety. Perfect flowering.

Superb, P.—Another good variety, superb not only in name but in every good quality which goes to make a fine strawberry. Perfect flowering.

Either variety, per 100 (Postpaid).....\$2.50

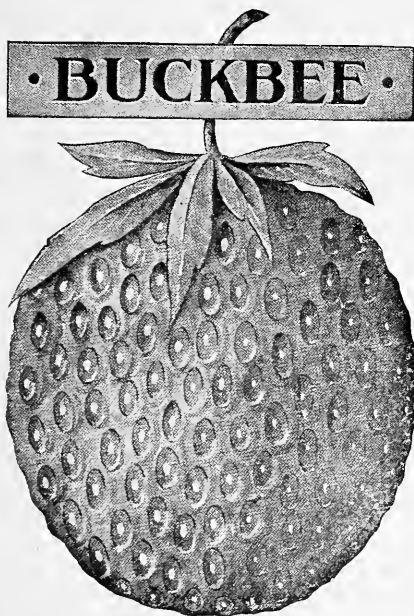
(Not less than 25 of a kind supplied.)

Either variety, 500 (Postpaid).....\$10.00

Either variety, 1,000 (Prepaid).....\$15.00

NEW INTRODUCTIONS

OFFERED LAST SEASON FOR THE FIRST TIME IN MONTANA

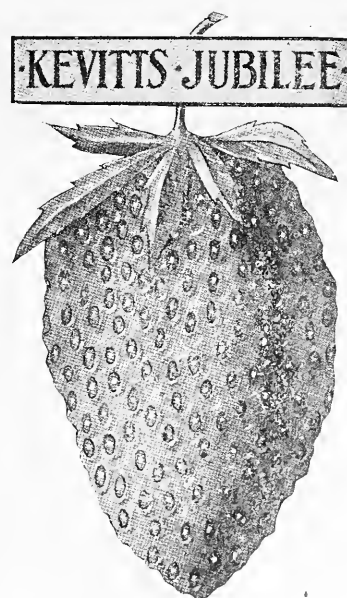


The following descriptions are from the originator

BUCKBEE.

"This is declared to be the finest strawberry in quality, size, quantity and flavor yet introduced. In the dry season of 1919 when all other varieties were suffering greatly BUCKBEE was bearing an abundant crop of large luscious berries. The luxuriant foliage affords ample protection. It produces enormous bright glossy red berries, round in shape and is undoubtedly the best strawberry for long distance shipping." Imperfect flowering.

12 Plants, \$4.00, postpaid.



KEVITT'S JUBILEE.

The New Black Strawberry.

"The plants are extremely vigorous and healthy and give an abundance of very dark red luscious fruits of exquisite flavor and giant size, well above the ground. Mid-season to late. Perfect flowering."

12 Plants, \$2.00, postpaid.

BEAL.

"This variety is the result of special hybridization for over a period of years by Tice C. Kevitt, and under normal conditions plants set out make a growth of 14 in. high with berries that measure 3 in. in a straight line passing through the center of the berry." Imperfect flowering.

12 Plants, \$2.00, postpaid.

Order Early as Our Supply of These Three Varieties is very Limited.

Vegetable Plants and Garden Roots

Tomato Plants

With the exception of the higher altitudes, they can be readily grown and with success. As a staple article, they should be grown far more than they are, large as is the quantity now planted. As in older sections of the country, in most parts of Montana, it is now found practical to grow sufficient quantities of this delicious and healthful fruit for canning purposes, as well as for fresh table consumption.

Number of plants required per acre—Staked or upright method, 3 feet in the row and 5 feet between rows—2904.

Pot grown plants while more expensive are far more satisfactory, and when only a few are to be planted we strongly advise the pot grown, as they will under normal conditions produce far more fruit and produce it earlier, a most decided advantage in regions where early frosts prevail.

We list the following varieties as being suited to our climate:

John Baer—The earliest and best. By far the leading variety for Montana.

Bonny Best—Another good early sort.

Acme—An old standard.

Earliana—Fruit large.

Montana Beauty—Large and good flavor.

Golden Queen—Solid, smooth and best of the yellow varieties.

Dozen, 3-inch Pot grown plants.....	\$1.00
Dozen, 3-inch Pot grown plants, postpaid.....	\$1.25
Dozen, 4-inch Pot grown plants.....	\$2.00
Dozen, 4-inch Pot grown plants, postpaid.....	\$2.50
Dozen, from boxes, 50c; 100.....	\$3.00
Dozen, from boxes, postpaid, 65c; 100.....	\$3.25

Cabbage Plants

With perhaps the exception of the extremely high altitudes, Montana can produce as many pounds of this necessary vegetable to the acre as almost any state in the Union. To secure the best and quickest results irrigation is necessary on dry lands. Too much water, will, however, result in "splitting." The varieties we list below are those which have proven the best both in weight and quality for this section.

Early cabbage 10,000 to 12,000 plants per acre. Late cabbage 6,000 to 8,000 plants per acre.

Copenhagen Market—Earliest and best Round Head Cabbage.

Hundred	\$1.00; 1,000, \$7.50
Hundred (Postpaid)	\$1.15
Fifty, 50c; postpaid .....	.65c
Doz., 15c; postpaid .....	.25c

Early Varieties—Ready from May 1st. Pointed Head Varieties.

Hundred	\$1.00; 1,000, \$7.50
Hundred (Postpaid)	\$1.15
Fifty, 50c; postpaid .....	.65c
Doz., 15c; postpaid .....	.25c

Late Varieties—Ready from May 10th. Round or Flat Heads.

Hundred	\$1.00; 1,000, \$7.50
Hundred (Postpaid)	\$1.15
Fifty, 50c; postpaid .....	.65c
Doz., 15c; postpaid .....	.25c

Red—For pickling.

Hundred	\$1.50
Hundred (Postpaid)	\$1.65
Fifty, 75c; postpaid .....	.90c
Doz., 20c; postpaid .....	.20c

Savoy—

Hundred	\$1.50
Hundred (Postpaid)	\$1.65
Fifty, 75c; postpaid .....	.90c
Doz., 20c; postpaid .....	.20c

Kale—Dwarf Scotch—

Kale—Tall Scotch—Either Variety.

Hundred	\$1.25; 1,000, \$8.00
Hundred (Postpaid)	\$1.40
Fifty, 60c; postpaid .....	.80c
Doz., 20c; postpaid .....	.30c

Brussell Sprouts—

Hundred	\$1.25; 1,000, \$8.00
Hundred (Postpaid)	\$1.40
Fifty, 60c; postpaid .....	.80c
Doz., 20c; postpaid .....	.30c

Cauliflower

50 plants per 100 ft. of row. 8,000 plants per acre 3x2.
Cauliflower grows splendidly in Montana. A money making crop in favored sections.

S. N. & S. Co.'s Snowball—For Fall and Winter use.

Hundred	\$1.25; 1,000, \$8.00
Hundred (Postpaid)	\$1.40
Fifty, 60c; postpaid .....	.80c
Doz., 20c; postpaid .....	.30c

Celery

14,000 to 15,000 Plants to the Acre.

100 to 100 ft. of row.

S. N. & S. Co.'s White Plume—For Fall and Winter use. Self blanching.

S. N. & S. Co.'s Self-Blanching—Early, solid, crisp; delicious flavor.

Hundred, either variety	\$1.00; 1,000, \$7.50
Hundred (Postpaid)	\$1.30
Fifty, 50c; postpaid .....	.70c
Doz., 15c; postpaid .....	.25c

Asparagus

We offer roots of this vegetable in a tried variety:

Palmetto—Early and of excellent quality.

Dozen, 1-year-old .....	.25c; 100, \$2.00
Dozen, 2-year-old .....	.50c; 100, \$3.00
Dozen, 1-year-old (Postpaid) .....	.45c; 100, \$2.40
Dozen, 2-year-old (Postpaid) .....	.60c; 100, \$3.60

Cucumbers

Ready May 20.

We have splendid White Spine and Long Green varieties.

From pots:	
Each, either kind .....	.15c; doz., \$1.50
Postpaid .....	.25c; doz., \$1.75

Chives

For flavoring.

Each, either kind .....	.15c; doz., \$1.50
Postpaid .....	.25c; doz., \$1.75

Egg Plant

Ready May 20th.

Each .....	.15c; doz., \$1.50; 100, \$8.00
Each (Postpaid) .....	.25c; doz., \$1.75

Horse Radish

12,000 Plants to Acre.

Nice Roots.

Each .....	.10c; doz., \$1.00
Each (Postpaid) .....	.15c; doz., \$1.25

Mint

Spear—For mint sauce and julep.

Each .....	.20c; doz., \$2.00
Each (Postpaid) .....	.25c; doz., \$2.25

Parsley

Each .....	.10c; doz., \$1.00
Postpaid .....	.20c; doz., \$1.25

Pepper

Ready May 20.

Large Bell or Bull Nose—The variety for Montana.

Dozen .....	.50c; 100, \$5.00
Postpaid	doz., 65c; 100, \$5.50

Rhubarb

33 to 100 ft. of row. 5,000 to acre 5x3.

A very heavy demand for our Rhubarb roots has caused us to grow them more extensively.

S. N. & S. Co.'s Monarch—Large red stems.

Each, 2 years old .....	.25c; doz., \$2.50
Postpaid .....	.35c; doz., \$2.75

Cut Flower Department

Our Cut Flower Department is one of the most complete and most fully equipped of any plant in the Northwest. It is in charge of capable and artistic florists who have at their command the enormous output of the largest cut flower producing plant in this entire territory.

These primary advantages, assure our customers of the very highest and most artistically finished products that can be procured in this line.

We desire to call the attention of our customers to the means at our command, by which we can make deliveries of fresh flowers or plants, when desired for any special occasion, to any point in the United States or Canada, with the sender's card or other special message attached, within a few hours notice. This is accomplished through our membership in the **FLORISTS' TELEGRAPH DELIVERY ASSOCIATION**, composed of the most reliable florists in all parts of the United States and Canada.

When time is limited, it is always best to use either Phone or Telegraph, so as to give us the best opportunity possible to get out what you desire, and also prevent exasperating errors and delays.

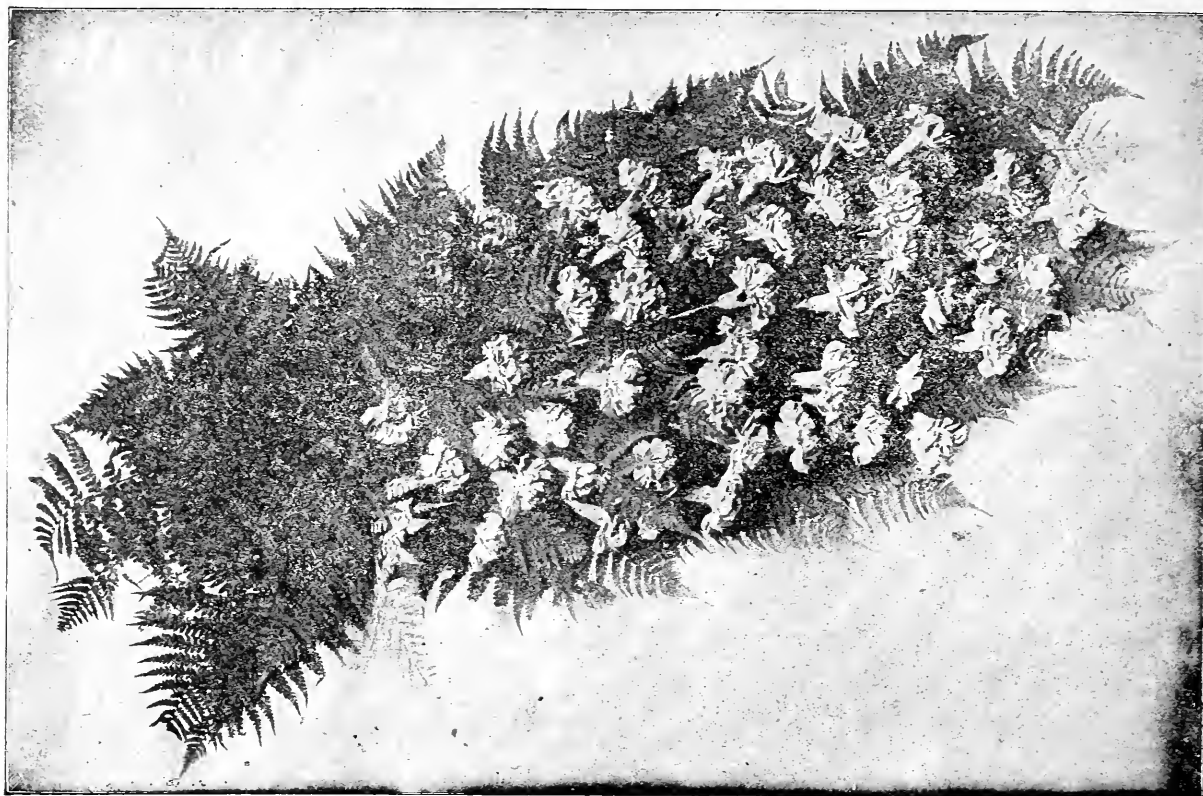
The following pages will give some idea to distant customers of what we can offer in this line, and we can always be relied upon to furnish the latest and most appropriate designs in anything floral, for any occasion whatever.

For cut flowers for any purpose, Phone 327, Helena, Montana, between the hours of 8 A. M. and 6 P. M. After 6 P. M. telegraph the **STATE NURSERY AND SEED CO.**, Helena, Montana, and we will guarantee satisfaction.

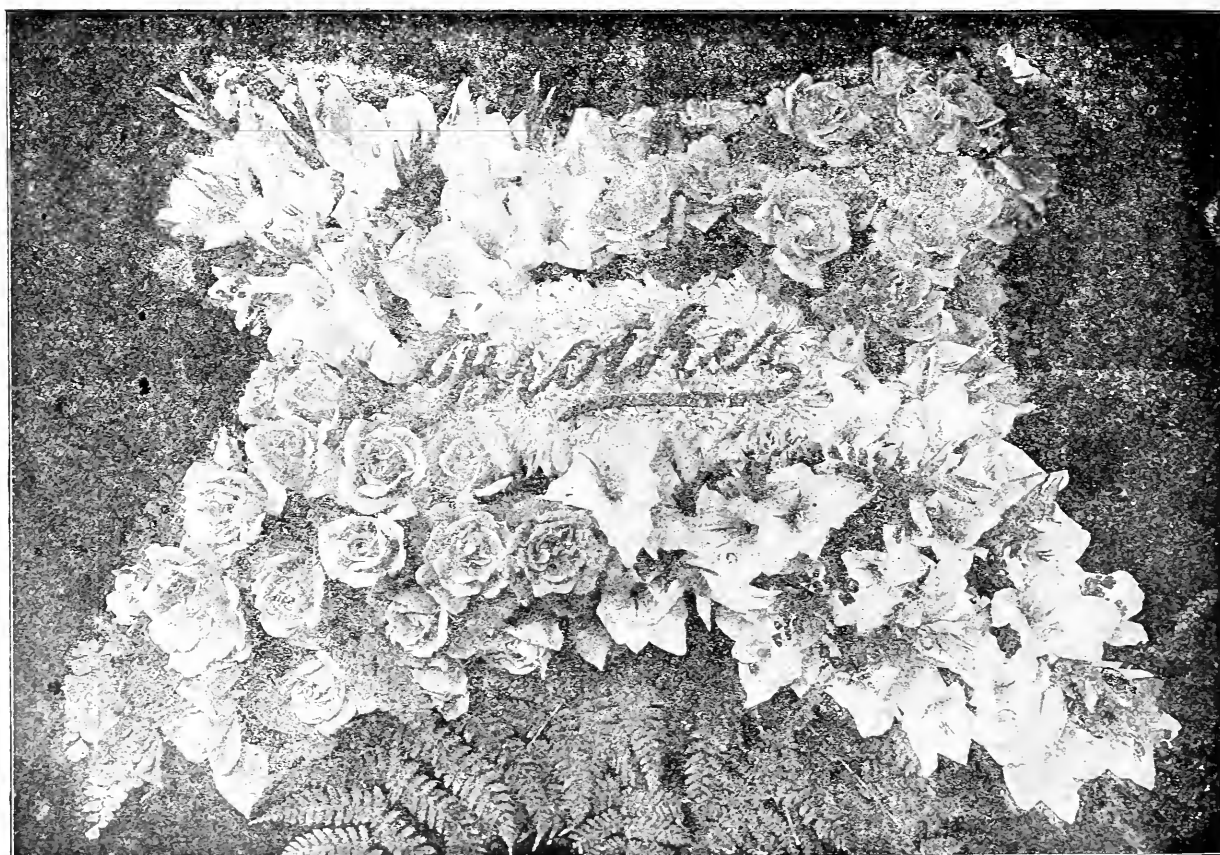
OUR BOUNTIFUL BOX



MORE THAN YOUR SHARE OF ASSORTED FLOWERS, EACH \$3.00



No. 1—Funeral Spray of Carnations. \$3.00 to \$10.00



No. 88—Pillow. \$10.00 to \$25.00

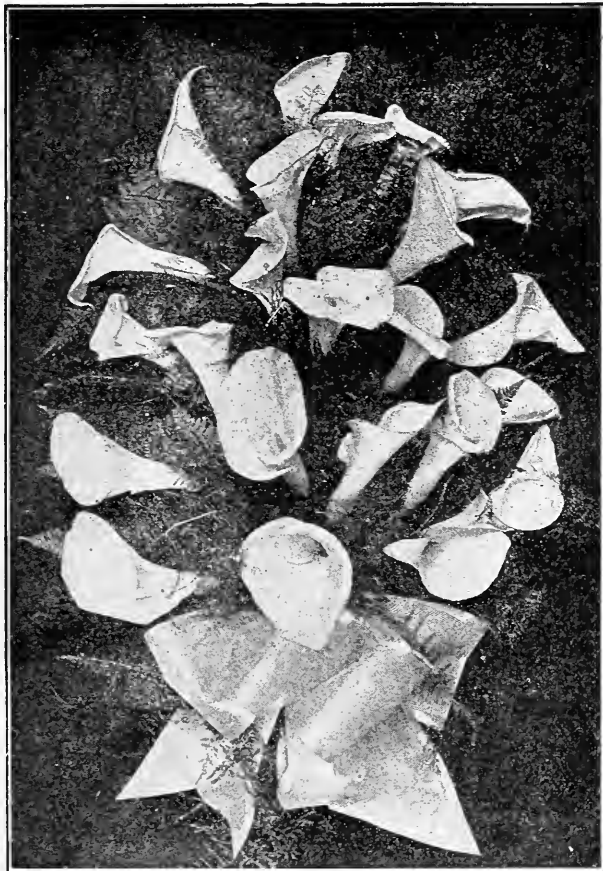
Funeral Emblems

We can, at very short notice, make up almost any floral emblem wanted. The emblems most generally used are:

Wreaths	\$5.00 to \$25.00	Harps	\$10.00 to \$35.00
Pillows	\$5.00 to \$25.00	Stars	\$5.00 to \$15.00
Crosses	\$5.00 to \$25.00	Lyre	\$10.00 to \$35.00
Rock of Ages.....	\$20.00 to \$50.00	Broken Wheel.....	\$12.00 to \$50.00
Anchors	\$5.00 to \$20.00	Broken Column.....	\$10.00 to \$40.00
Hearts	\$5.00 to \$15.00	Gates Ajar.....	\$25.00 to \$50.00

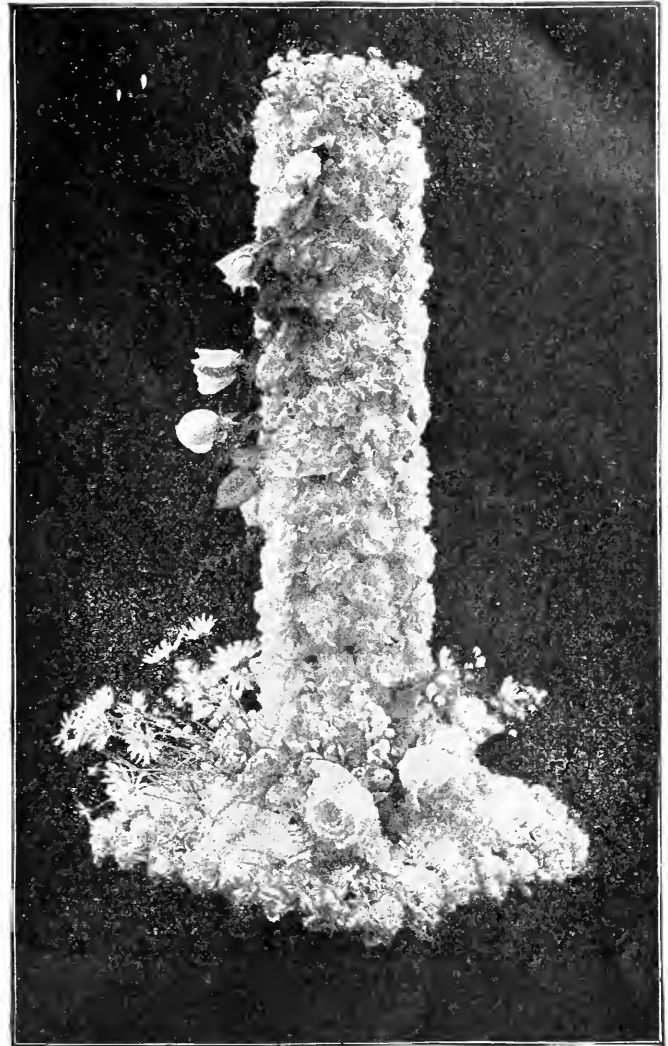
Emblems of Fraternal Organizations

Prices range from \$5.00 to \$25.00 each. When ordering state amount you wish to pay and we will guarantee satisfaction.



Spray of Callas.

No. 69, \$5.00 to \$25.00



Broken Column.

Each\$15.00 to \$50.00

Funeral Sprays

We make more Sprays than anything else for funerals. Most any seasonable flower is suitable and quite appropriate for this purpose. When the choice is left to us, we select the best flowers we have. Prices range from \$3.00 to \$20.00.

Blanket or Casket Cover

These are made either plain or very elaborate, and prices range from \$50.00 upwards.

Table Decorations

Table Center Pieces artistically made up and ready for immediate use. Prices \$5.00 to \$10.00.

F. T. D. A.

We wonder—WHAT the above letters mean to the average reader—used so often as they are by nearly every florist in his advertising matter. They are the accepted abbreviation of the words—FLORISTS' TELEGRAPH DELIVERY ASSOCIATION. This is an established association of the most reliable florists—of which we are members, and whose membership covers almost the entire civilized world. You may leave an order for flowers with any member of the organization—to be delivered to some friend almost anywhere, and the florist member at once wires to the member NEAREST to your friend, and—presto—the flowers are delivered with your card attached in an amazing short space of time. This is one of the greatest conveniences which the last few years have placed within the reach of all, and has become one of the most used, delivering fresh flowers WITH YOUR PERSONAL MESSAGE at any desired point in a very few hours' notice.

Shower Bouquets

Our Shower Bouquet for the Bride, made up of either Orchids, Bride-Roses, or other seasonable flowers. Tied up with loops of white baby ribbon and chiffon, giving them lightness and airiness. Can be carried by the most particular of Brides.

Prices\$15 to \$35

Bridesmaid Bouquets are usually made in color to correspond with the ladies' gown.

Prices\$10 to \$25

Less elaborate Bouquets.

Each\$5 to \$15

We also make up Corsages of Orchids, Violets, Roses or other seasonable flowers.

Prices\$2.50 to \$10

We desire to call special attention to the colored plate on front cover of one of our Corsages—Violets with Orchid—from actual photograph. Corsage made up by our Mr. F. Bangert.

For Anniversaries, Birthdays, etc., we carry the latest novelties in Baskets, Ferneries, Jardinieres, Horseshoes, etc., and filled with choicest flowers.

PricesFrom \$3.00 up

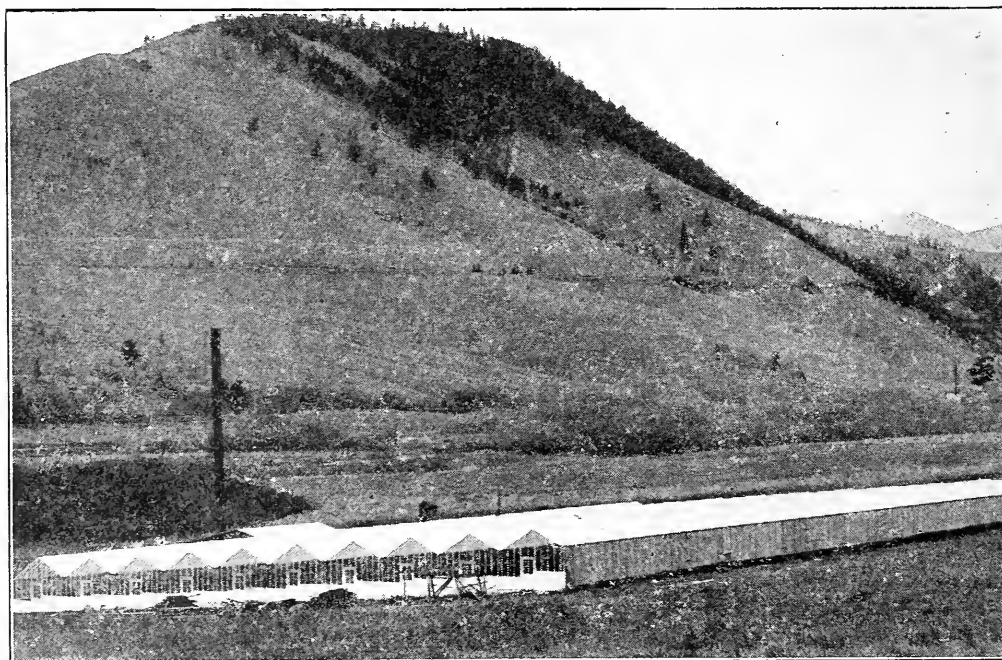
Cut Flowers

	Per Dozen.
Red, pink, white and yellow Roses	\$3.00 to \$7.50
Carnations	\$1.50 to \$2.50
Violets, Per Bunch	\$.75 to \$1.50
(Season Sept. to April.)	
Chrysanthemums, choice yellow, pink and white... ..	\$3.00 to \$10.00
(Season Oct. to Dec.)	
Fancy Single Chrysanthemums.....	\$2.00 to \$3.00
Pom-Pon Chrysanthemums	\$1.50 to \$2.00
Daffodils	\$1.00 to \$2.00
(Season Jan. to April.)	
Tulips	\$1.50 to \$2.00
(Season Feb. to April.)	
Narcissus	\$1.50
(Season Jan. to April.)	
Gladiolus	\$2.00 to \$5.00
(Season May to Oct.)	
Asters	\$1.00 to \$2.00
(Season June to Oct.)	
Peonies	\$2.00 to \$3.00
(Season June.)	
Orchids, each \$1.50	\$18.00
Easter Lilies	\$5.00 to \$7.50
(Season April to June.)	
Calla Lillies	\$5.00 to \$7.50
(Season Oct. to May.)	
Fern Leaves	\$.25
Maiden Hair Fern, per doz. sprays	\$1.00
Asparagus Fern Strings	Each 75c

All prices are subject to change. Prices are always higher at Christmas New Year, Easter, Mother's Day and Decoration Day. Write for special lists for these dates.

Our flowers are all grown at the Nursery and are therefore, fresh.

We guarantee safe arrival of all flowers, when sent by express.



Some idea of the enormous volume of our Cut Flower business in this section, and of our ability to promptly fill all orders, may be gathered by reference to the accompanying photo. This depicts part of the range of glass (four additional houses having been added since this photograph was taken) devoted entirely to the growing of Carnations for Cut Flowers, and requiring about 50,000 plants to fill the benches.

The mountains in the picture, the foot of one of which adjoins our Nursery, are part of the Great Continental Divide of the Rockies.

Flowers are usually shipped by express at purchaser's expense. When delivery is desired with charges prepaid, please notify us with the order. We do not recommend **Parcel Post** for Cut Flower shipments and will not be responsible for them, but will use every possible precaution in packing. Parcel Post shipments should be "insured or sent special delivery."

As plant orders are always packed and shipped from our greenhouses, we seldom combine them with cut flower shipments, which are always made from our city store.

Where the price of cut flowers exceeds the amount sent us; your order will be filled to value.

Spring 1922--Thirty-Second Year

SEED DEPARTMENT

Suggestions to our Customers in Ordering from this Catalog, the reading of which will aid both you and us.

EARLY ORDERS—Our rush season comes in the months of March and April. Orders sent AT ONCE secure prompt shipment at the proper time from full stocks.

HOW TO ORDER—Write your name, postoffice, state and express office and railroad company plainly **with ink** on every order, and also when you write us concerning it. Give plain express, mail or freight directions; where none are given, we route goods at buyer's risk.

USE ORDER SHEET—The use of the order sheets enclosed in this catalogue are a great help to us in filling and shipping orders. Instructions for use are on the sheets. More will be sent on receipt of a postal asking for same. Flower and Vegetable Seed Orders should plainly state quantity before the name of the variety. Plant order should give quantity, variety and price. **Do not write letters on order sheet.**

KEEP A COPY OF YOUR ORDER and mark off goods as received. Sometimes items may be sold out or will follow later, in which case a slip is enclosed with other goods, or notice sent.

ORDERS ARE PROMPTLY FILLED and as far as practicable, in rotation. All orders not shipped on day of receipt are acknowledged by a postcard giving the number of the order on our files. If you do not hear from an order sent us within a reasonable time, send us a duplicate of it giving date of order, amount of same, form of remittance, and your full name and address. If you will, in case of what appears to you to be an unreasonable delay, give us these items of information in your letter regarding the order, it will aid us greatly and save valuable time in the rush season in tracing the order.

ALWAYS, IF POSSIBLE, when writing in reference to an order, give the number of the order referred to.

MISTAKES—These will happen in spite of all care. Write us at once with a copy of original order if possible, and errors will be promptly rectified. We do not want you to "keep quiet" if everything is not received as ordered, but please be **SURE TO COMPARE THE GOODS RECEIVED WITH A COPY OF YOUR ORDER**. We frequently find on looking up the original order that the items complained of as "missing" were never ordered.

FREIGHT OR EXPRESS—All express lines in the United States and Canada carry seeds at special rates. Plants come at the same special rate when out of pots and this includes nursery stock. On moderate sized orders, we advise express shipment rather than freight.

HOW TO SEND MONEY—Send cash with order (as we do not open book accounts for small amounts) by Draft, Postoffice or Express Money Order whenever possible; these are cheap and safe. Postage stamps are taken as cash for small amounts and we prefer denominations such as 5c, 10c or 15c. Registered letters can be sent from any postoffice, and your receipt sent you by return mail, by which you know it has reached us. Local checks are accepted. Make money orders or checks payable to State Nursery and Seed Co.

RECOMMENDATIONS—We tender our sincere thanks to the numerous customers who have been kind enough to recommend us. We are always pleased to mail our catalogue to friends of our customers on request. We catalogue only such goods as have proved suitable to our climate. We trust that our efforts to simplify the task of selection will meet the approval of our many friends. Our seeds are the best that can be obtained, and our facilities for testing same are unexcelled.

SEEDS BY WEIGHT—Most all of our seeds are sold by weight, which we believe to be the most satisfactory method. Half pounds and over, at pound rate; less than half-pounds at ounce or quarter-pound rates.

All Flower and Vegetable Seeds in pkt., oz., $\frac{1}{4}$ lb., or lb., sent prepaid to your Railroad Station or Postoffice, except where noted. Field Seeds by freight or express at purchaser's expense.

REGARDING PREMIUMS—In conformity with the law passed by the 1917 session of the Montana Legislature absolutely prohibiting the giving or offering of premiums in any form or manner, we have discontinued this form of advertising. We will endeavor to more than offset this by giving if possible better goods, based on current market prices. Note the following, formerly given as premiums:

FARMERS READY REFERENCE BOOK—The most complete farm book on the market. Every department of farm life covered in detail by experts. Each (Postpaid), 15c, while the supply on hand lasts. Well worth several times its cost.

NATIONAL COOK BOOK—A manual of Good Recipes, carefully chosen from the contributions of over two thousand successful cooks and chefs in this and foreign countries, also useful notes on the various classes of good things to eat, all of which have been carefully checked and re-checked by competent authority. Special attention has been given to Bread and Pastry Making and the various dainties dear to good cooks. Each (Postpaid) 15c, while the supply on hand lasts; in every respect the equal of any book of its kind ever published.

SPECIAL FOR THE FARMER—A set of 20 varieties of Farm Seeds—Alfalfa—Clover—Millets—Grass Seeds, etc., mounted under glass, with seeding table accompanying. A most useful outfit for the farmer desiring to know seeds and to have the means of identification on hand. Price (Postpaid), 25c.

OUR RESPONSIBILITY—It is so manifestly impossible for the seller of any perishable article to be responsible for what may happen to it after it leaves his hands, especially one like seeds or plants, which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to the crop which may be raised from seeds which we sell. At the same time in case of any failure to secure proper results caused from some inherent fault in the seeds themselves the State Nursery and Seed Co. accepts responsibility not for the crop, but to the extent of the amount of money paid for the seeds, if immediately advised. (Or seeds may be returned, See below.) We wish it understood that all seeds are sold under the following general non-warranty.

We do not warrant in any way, express or implied, the contents or the description, quantity, productiveness or any other matter of any seeds, bulbs, plants shrubs or trees sold by us, and will not in any way be responsible for the crop. If the purchaser does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be returned. Subject to above conditions, we sell at the moderate prices herein quoted.

STATE NURSERY AND SEED CO., Incorporated.

FLOWER SEEDS

Annuals—Bloom first year from seed and die after one season.

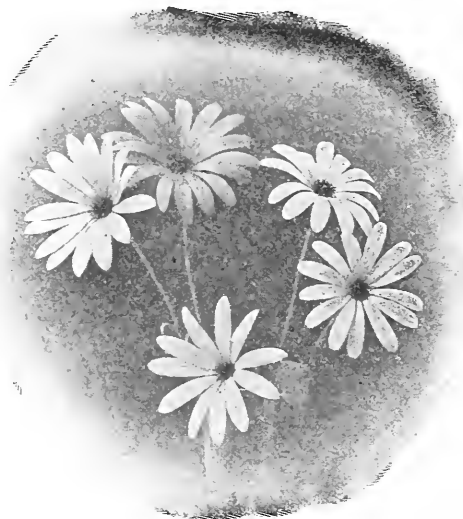
Biennials—Bloom second year from seed and plant dies after second year.

Perennials—Bloom second year from seed and plant lives and blooms for several years.

Tender—Means plants will not stand the least frost.

Half-Hardy—Means plant will stand a little frost and needs protection.

Hardy—Means plant will stand considerable frost.



African Gold Daisy.

ABRONIA UMBELLATA—(Sand Verbena).....Pkt., 5c

Very pretty trailing plants with numerous clusters of sweet-scented flowers. Rosy lilac, with white eye. Does well in light soil. Annual.

ACROCLINIUM—(See Strawflower.)

AFRICAN GOLD DAISY—(*Dimorphotheca Aurantiaca*)

The single daisy-like flowers are $2\frac{1}{2}$ inches in diameter, and of a unique glossy terra cotta orange, which brilliant coloring is rendered the more conspicuous by the dark disc surrounded by a black zone. The plants grow from 8 to 12 inches high and are very profuse flowering, especially in dry situations. Hardy annual. Pkt., 10c; $\frac{1}{4}$ oz., 50c.



Ageratum (Blue.)

ALYSSUM—(Little Dorrit).....Pkt., 10c; oz., 75c.

A novelty of late introduction, of dwarf and very bushy habit. Exceedingly useful for border and cemetery purposes.

AGERATUM—(Floss Flower)—Blue Perfection.

Pkt., 5c; oz., 35c.

A hardy annual of easy culture, especially valuable for bedding, as it is literally covered with blossoms all summer. Nine inches. Sow the seed early in the spring.

ALYSSUM—(Maritimum, Sweet Alyssum)

Pkt., 5c; oz., 40c.

Six to eight inches high. A fragrant hardy, annual, bearing spikes of small white flowers in great profusion throughout the summer and autumn. Useful for border or early bedding flowers. Sow the seed early in spring.



Alyssum (Little Gem.)

ALYSSUM—(Little Gem).....Pkt., 10c; oz., 75c
Three to four inches high; fine for borders.

ALYSSUM COMPACTUM LILACIANUM—(Lilac Queen)—Hardy annual, lilac flowered. Per pkt., 10c; $\frac{1}{4}$ oz., 50c

ALYSSUM SAXATILE COMPACTA—A hardy dwarf perennial, very useful for rockwork, literally covering itself with yellow flowers. Per pkt., 10c

AMMOBIUM—(See Strawflower.)

AMARANTHUS TRICOLOR—(Joseph's Coat)—Mixed Pkt., 5c $\frac{1}{4}$ oz., 25c

These plants afford brilliant contrasts of colors, being useful for borders and groups; also, where foliage effects are desired. The leaves and stems are of different shades of red, blended with green. Half-hardy annual.

ANTIRRHINUM—(Tom Thumb)—Mixed, Pkt., 10c; $\frac{1}{4}$ oz., 35c

Beautiful dwarf growing bushy variety. Flowers are handsome and produced in great profusion the entire season. It is not only desirable for beds and groups but also for pot culture. Half-hardy perennial. Treat as an annual.

ANTIRRHINUM—(Semi Dwarf)—Choice mixed

Pkt., 10c; $\frac{1}{4}$ oz., 35c

A splendid type, growing in height between the Tom Thumb and Giant forms of this noble plant. Eighteen to 20 inches. Half-hardy perennial. Treat as an annual.

ANTIRRHINUM—(Grandiflora)—Tall mixed, Pkt., 5c; $\frac{1}{4}$ oz., 35c

Flowers double the size of older sorts more closely set on stems and colors more clear and brilliant, growing about twenty-four to thirty inches high. Grand mixture of many striking colors. Half-hardy perennial. Treat as an annual.

ANGEL'S BREATH—(See Gypsophila.)



Asparagus Plumosus.

ASPARAGUS—(Plumosus Nanus).....Pkt., 10c.

An indoor perennial climber, of wonderful beauty. It has largely replaced the famous smilax in the floral world. Bright, cheerful. Fern-like green.

ASPARAGUS—(Sprengeri)—(Emerald Feather).....Pkt., 10c

Adapted to suspended baskets; 1 to 4 feet. An excellent trailing house plant, as it withstands a dry atmosphere and succeeds everywhere. Remains fresh a long time after cutting.

AQUILEGIA—(See Columbine.)

ASPERULA—(Azuraea)—BluePkt., 5c

Grown for its fragrant leaves and stems which dried have a sweet odor, and are used for putting among clothes, etc. Best grown among shrubbery in semi-shaded positions where it can remain undisturbed. Twelve inches high.

ASPERULA TINCTORIA—(Sweet Woodruff) Pkt., 10c; $\frac{1}{4}$ oz., 50c

An old-fashioned fragrant hardy perennial plant, greatly loved for its fragrance when dried, resembling the sweet odor of new mown hay. Bears small white flowers. Eighteen inches.

State Nursery & Seed Co.,
Helena, Mont.

Lewistown, Mont.

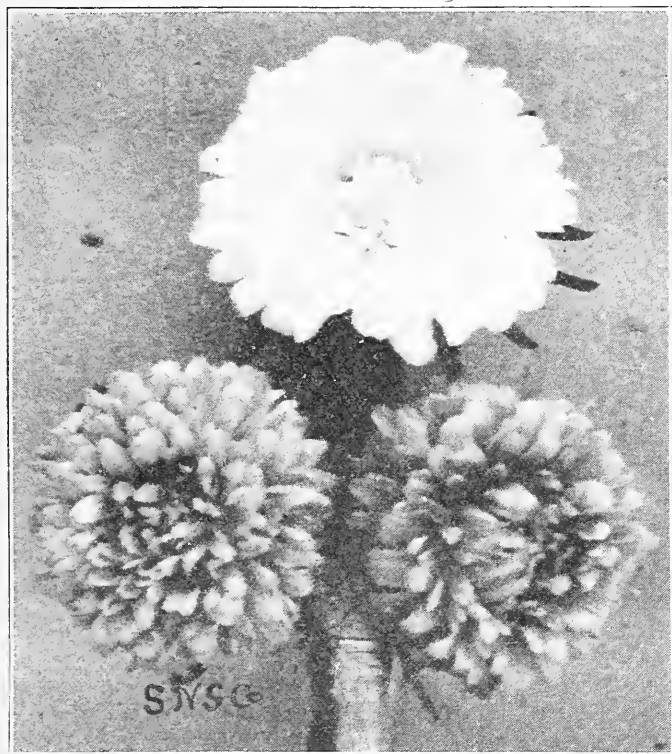
Gentlemen:—I have often thought I would write you about the Mastodon Pansy seed I bought from you last May. They were sown in a glass covered box, (it was hot and dry) and they came up quickly. I transplanted them into other boxes. I had some 150 plants, and I filled every place I had with them, and it was not over two months from the time of sowing before they were in bloom. No two were alike—and I surely enjoyed them. I wish to thank you heartily.

Yours Very Truly,

Mrs. Peter Krause.

ASTERS

As a popular flower the Aster ranks with Sweet Peas, Pansies, and Nasturtiums. No flower is more popular, and few have held a place in popular esteem for so many years and it is still growing in favor. Hardy Annual. For an autumn show of flowers, we have not its equal. We offer only Asters of superior quality.



ASTER—Queen of the Market.

QUEEN OF THE MARKET—A first class early variety, of branching habit. Flowers of good size, on good stems. Exceedingly valuable as a cut flower. Blooming in latter part of July. One foot.

Bright Pink	Pkt., 10c	Lavender	Pkt., 10c
Purple	Pkt., 10c	Rose	Pkt., 10c
Pure White	Pkt., 10c		
All colors mixed, pkt., 10c.....	¼ oz., 65c		
Collection of five packets, one each of the above.....	40c		

EARLY WONDER ASTERS.

These are the earliest Asters in cultivation, flowering middle of July if seed is sown in March. The flowers are of good size, quite double, borne on good long stiff stems, making them of great value for early large blooms.

White	Pkt., 15c	Dark Blue	Pkt., 15c
Pink	Pkt., 15c	Finest Mixed	Pkt., 15c
Any of the above varieties.....	¼ oz., \$1.00		

KING ASTERS.

This magnificent class of Asters is different from all others. The long narrow petals are folded lengthwise, appearing as if quilled. The flowers are of great size and substance, and last longer when cut than those of any other class. Bloom in August. 18 to 24 inches.

Crimson King	Pkt., 15c	Rose King	Pkt., 15c
Lavender King	Pkt., 15c	White King	Pkt., 15c
Pink King	Pkt., 15c	Violet King	Pkt., 15c
Any of above named varieties	¼ oz., 75c		
King Asters, mixed pkt., 10c	¼ oz., 60c		

AMERICAN LATE BRANCHING.

This type bears flowers of extraordinary size, on long strong stems, from twenty to thirty inches in height. Of very strong growth, coming into bloom in August, and continuing throughout the rest of the season. Flowers large and double. Considered by many the most satisfactory Aster grown, for all purposes.

Azure Blue	Pkt., 10c	Purple	Pkt., 10c
Crimson	Pkt., 10c	Rose	Pkt., 10c
Lavender	Pkt., 10c	Pink	Pkt., 10c
White	Pkt., 10c	Shell Pink	Pkt., 10c
Finest Mixed, pkt., 10c	¼ oz., 50c		

VICTORIA—Finest mixed

ASTERS—Finest mixed

GIANT COMET BRANCHING.

Known also as the Ostrich Plume Asters. A strong growing form, bearing profusely large flowers. The petals are re-curved, and toward the center of the bloom are twisted and curled. Height two feet. A most desirable type.

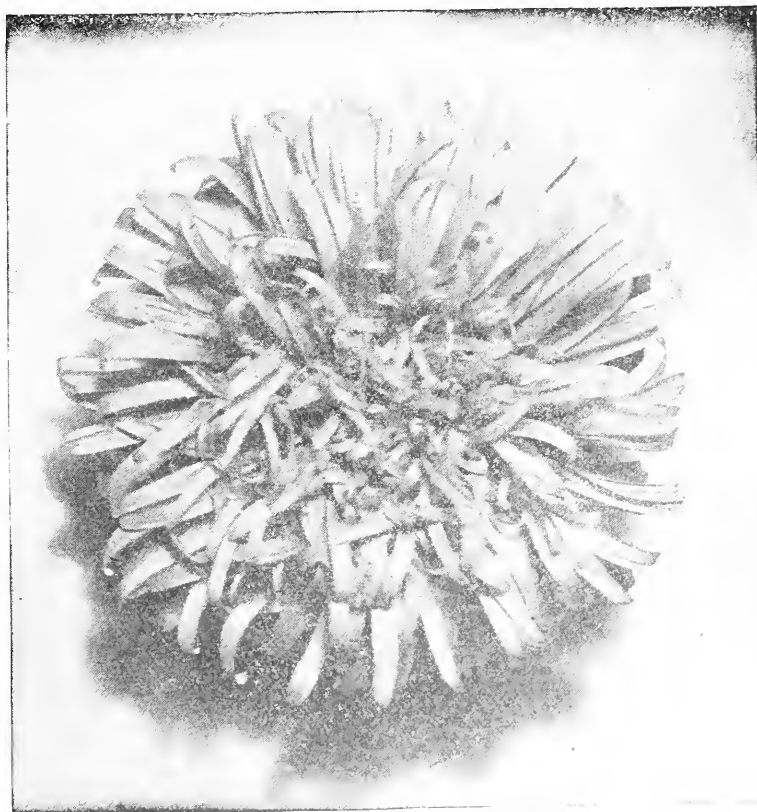
White	Pkt., 15c	Pink	Pkt., 15c
Rose	Pkt., 15c	Purple	Pkt., 15c
Lavender	Pkt., 15c	Blue	Pkt., 15c
Crimson	Pkt., 15c		

One pkt. each of the above seven colors.....85c

All colors mixed, pkt., 15c¼ oz., 75c



Aster—Victoria.



ASTER—Crego Giant.

CREGO'S GIANT.

Considered by many the finest of the Aster class, bearing immense flowers, often measuring 5 inches in diameter, and of a fluffy texture. They retain their pristine beauty much longer than any Aster known. Twelve to four feet high.

White	Pkt., 15c	Pink	Pkt., 15c
Lavender	Pkt., 15c	All colors mixed	Pkt., 15c
Crimson	Pkt., 15c		

¼ oz., of any color or all colors mixed.....

BALSAM—(Double Mixed)—Pkt., 5c ¼ oz., 25c
Balsams like hot sun, rich soil and plenty of water. Plant 12 to 18 inches apart. Transplanting two or three times has a tendency to dwarf the plant into better shape and to make the flowers more double. Half-hardy Annual. Two feet.

BALLOON VINE—
(Love-in-a-Puff)—
Pkt., 5c; ¼ oz., 25c
A rapid growing climber; thrives in light soil. One of the prettiest climbers with dainty white flowers. Annual. Six to eight feet.

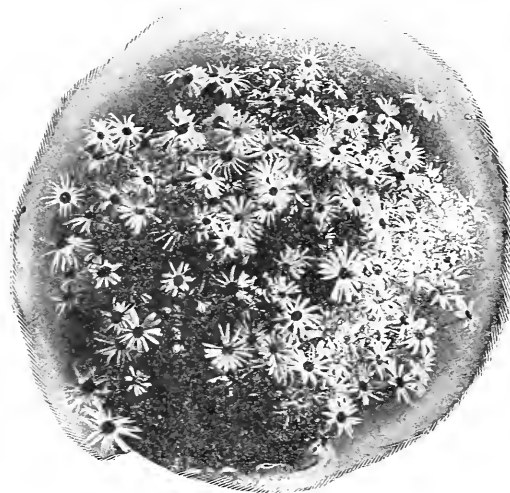
BARTONIA AUREA—
(Golden Bartonia or Blazing Star)—pkt., 5c
One of the brightest garden flowers. It produces its large golden blossoms all summer in great abundance; 1 foot high. Hardy Annual.

BACHELOR'S BUTTON
—Blue Bottle, or Cornflower—Mixed colors
Pkt., 5c; ½ oz., 50c
Of easy culture, sow the seed where it is to remain and thin plants to 3 or 4 inches apart. Annual.

BACHELOR'S BUTTON
—(Pink Beauty)—
Pkt., 10c; ¼ oz., 25c.
Valuable for cut flowers. Very easily grown and prolific bloomer. Annual.



Bachelor Button.



Brachycome or Swan River Daisy.

BRACHY-COME—
(Swan River Daisy) Pkt., 5c
¼ oz., 50c

A hardy Annual, growing from 8 to 10 inches high, producing an abundance of blue and white flowers. Excellent for border. Annual.

BELLIS—(See Daisy.)

BEAN—(Scarlet Runner)
pkt. 5c; lb. 40c
A favorite old-fashioned climber. Both ornamental and edible. It grows rapidly to a height of ten or twelve feet, and is covered from July until frost, with clusters of beautiful scarlet flowers. Annual.

CACALIA—(Tassel Flower or Flora's Paint Brush) Pkt. 5c
A neat annual of easy culture with tassel shaped flowers; blooms from June to September; fine for borders. Golden yellow and scarlet mixed. Two feet.

CALENDULA—(Pot Marigold)—One of the best and most showy annuals grown. Very fine either for beds or mixed borders. blooming until frost. One foot. All colors mixed.
Pkt., 5c ½ oz., 25c

CALENDULA—METEOR—Lemon with Orange. Pkt., 10c; oz., 25c

CALENDULA—PRINCE OF ORANGE—Rich Orange Red.
Pkt., 10c; ½ oz., 25c

CALENDULA SULPHEUR or **LEMON QUEEN**—Pkt., 10c; oz., 25c

CALENDULA—ORANGE KING—Very large, double, glistening orange flowers, borne abundantly throughout the season
Pkt., 10c; ½ oz., 60c

CALANDRINA GRANDIFLORA—A splendid half-hardy Biennial with flowers of a dazzling rose-pink. In bloom nearly all summer. Pkt. 5c

CALIFORNIA POPPY—(See Eschscholtzia.)

CALLIOPSIS—COREOPSIS—(Lanceolata) Pkt. 10c
Handsome perennial, large golden yellow.

CALLIOPSIS—(Or Coreopsis) Mixed
Pkt., 5c; ¼ oz., 30c
Showy and beautiful free flowering annuals, blooming all summer and excellent for cutting and massing. Eighteen inches.

CANARY BIRD FLOWER—(Tropaeolum Canariense)—Pkt., 5c; oz., 50c

A beautiful climber with curiously shaped blossoms. Will blossom freely from July until killed by frost. Tender annual. Sow in the house and transplant, or in open ground. Eight to ten feet.

CANDYTUFT—(Iberis Umbellata)—
Among the most useful of perfectly hardy annuals. Plants bear neat clusters of flowers very freely. A most attractive border and cut flower, blooming profusely in cool weather. Height 12 inches.



Calliopsis—(Annual.)

Pink Pkt., 10c
White Pkt., 10c
Carmine Pkt., 10c
Lavender Pkt., 10c
Crimson Pkt., 10c
Empress or Giant Flowered—White, large long spikes of bloom; the best for cut flowers Pkt., 10c; ½ oz., 25c
Fine Mixed Pkt., 5c; oz., 35c

CANTERBURY BELLS—(Campanula Pyramidalis) Single mixed, Pkt. 5c

Handsome hardy biennial, of stately growth, rich color and profuse bloom. Should be given some protection in severe winter weather; colors; White and various shades of Violet, Rose, Lilac and Blue. Height two to four feet.

CANTERBURY BELLS—(Calycanthemum) Mixed Pkt., 10c
The new Cup and Saucer, larger and appear about two weeks earlier than those of the old type. A splendid plant for beds and pot culture. Perennial. Two feet.

CARNATION



Carnation—(Double.)

CARNATION MARGUERITE

—This half-hardy perennial often blooms the first season from seed, and they are exceedingly valuable for bedding and pot culture. Very free flowering exceedingly fragrant, large flowered and double. Eighteen inches.
White, pkt. 10c
Yellow, pkt. 10c
Dark Red, pkt. 10c
All Colors mixed pkt. 5c
¼ oz., 50c

CARNATION

—(Giant or Malmaison)
This type is noted for its wonderful range of colors, and its free blooming qualities. Fully 70 per cent of the seedlings generally produce double flowers of large size. Half-hardy perennial.

Giant or Malmaison Extra Fine Double Mixed—Pkt. 10c; ¼ oz. 65c

CASTOR OIL BEAN—(Ricinus)—Mixed, Annual, pkt., 5c; oz., 25c
The different varieties included in our mixture have light and dark green leaves and some of coppery bronze, changing to dark green with reddish ribs. Six to eight feet.

CATCHFLY—(Silene)—Mixed. Pkt. 5c
An easy growing free flowering annual plant, producing dense umbels of white, red or rose colored blossoms. The plant is partly covered with a glutinous moisture, hence the name "Catchfly." Hardy Annual. Two to three feet.

CELOSIA



CELOSIA CRISTATA—(Cockscomb.)

CRISTATA — (Cockscomb) —
Splendid annuals for either pot culture or for the border. Well grown blooms often measure 12 to 14 inches, of a most brilliant color.

Empress — Rich crimson combs of mammoth proportions. Per pkt.,10c

Dwarf Crimson— Per pkt.,10c

Aurea — Dwarf — Golden Yellow, Per pkt.,10c

Dwarf — Finest Mixed, pkt.,10c
¼ oz.,50c

CELOSIA PLUMOSA—(Feathered Cockscomb) A splendid strain of the tall growing plumed Cockscomb forming great pyramids of huge crimson plumes.

C. Thompsoni Magnifica—CrimsonPer Pkt., 10c
C. Thompsoni Magnifica—YellowPer Pkt., 10c
C. Thompsoni Magnifica—MixedPer Pkt., 10c; ¼ oz., 60c

CELOSIA CHILDSII.
(Chinese Woolflower.)

C. Childsii—A distinct form of the plumed Celosia. The plants average 2 feet in height, branching freely, each shoot bearing beautiful ball shaped flower heads of a purplish crimson color, somewhat resembling a ball of wool. It flowers profusely during summer and fall, the flower heads retaining their full beauty and color until frost destroys them. A novelty of great merit, which has attracted great attention. One of the finest cut flowers, its fine flowers keeping a long time in water.
Pkt., 15c; ¼ oz.,75c



Centaurea Imperialis.

CENTAUREA IMPERIALIS—(Royal Sweet Sultan)—A justly favorite annual, coming into bloom in July, and continuing until frost. Excellent for cut flowers.

WhitePer Pkt., 10c **Rose**Per Pkt., 10c
LilacPer Pkt., 10c **Blue**Per Pkt., 10c
Finest Mixed Colors—Per pkt., 10c; ¼ oz.,25c

CENTAUREA RUTHENICA—A tall growing perennial variety, with sulphur-yellow blooms.....Per Pkt., 10c

CENTAUREA SUAVEOLENS—The Yellow Sweet Sultan or Grecian Cornflower. AnnualPer Pkt., 10c

CENTAUREA CYANUS—(See Bachelor Button.)

CHINESE LANTERN PLANT—(See Physallis.)

CHRYSANTHEMUM

ANNUAL VARIETIES.

These out-door summer Chrysanthemums are entirely different from the large flowered varieties grown by florists. Very showy and effective for bedding or borders, also desirable for cut flowers. Plants grow 12 to 18 inches in height, and produce single daisy-like flowers of many bright colorings.

Carinatum Eclipse—Golden yellow with a purplish scarlet ring on the center of the petals, the disc a dark brown. Very strikingPkt., 10c

Cororarium—A most prolific bloomer, with small double white and yellow flowers. Double mixed, per pkt.10c

Tricolor—Single MixedPkt., 5c

PERENNIAL VARIETIES.

These are the well known perennial Chrysanthemums, grown greatly for the hardy Perennial border, of easy culture in almost any position and location.

Inodorum—Bridal Robe—A well known double white variety, fine for cut flowersPkt., 10c

Leucanthemum Grandiflorum—(Ox Eye Daisy)—Flowers resembling the wild Ox Eye Daisy but twice as large. Very fine for cut flowers and of easy culture. Pkt.10c

Maximum—King Edward VII (Moonpenny Daisy)—A strong growing free flowering variety, Pure white.....Pkt., 10c

Maximum—White Perennial Marguerite—The well known large flowered Marguerite DaisyPkt., 10c

Maximum—Shasta Daisy—(Alaska)—Very attractive large white flowers 5 inches in diameter; with very broad petals, and long strong stems. Excellent for cut flowers.....Pkt., 10c

CLARKIA—Mixed colorsPkt., 5c; ¼ oz., 35c
Among the prettiest native hardy annuals. They are useful for hanging baskets, for vases and as edging plants. Sow outdoors in early spring and grow in partial shade; They bloom through midsummer to late autumn. Average height 1½ feet.

CLARKIA PULCHELLA—(Tom Thumb) MixedPkt., 10c; ¼ oz., 35c.
A dwarf form of this favorite flower of bushy habit and profuse blooming qualities. Annual.

COBAEA SCANDENS—(Cup and Saucer Vine) Pkt., 5c; ¼ oz., 50c
A half hardy climbing annual, with large leaves and large trumpet shaped flowers. the blossom is green until nearly grown, when it turns bright purplish blue—grows about 20 feet high and is very desirable for covering a large lattice. A native of Mexico.

COLUMBINE—(Aquilegia)—Double Mixed, pkt., 5c; ¼ oz., 30c
Of the easiest culture and when once established will furnish for many years a magnificent display of the handsomest flowers each spring and summer. The beds should be kept clear of weeds and given each year a liberal dressing of well rotted manure. Hardy herbaceous perennials; two to three feet high.

CONVOLVULUS MAJOR

(Tall Morning Glory.)

A hardy climbing annual growing about 10 feet high. Flowers are well known and exist in a great variety of colors, tints and markings. Fully expanded only in the mornings. Of easy culture, quick growth and valuable in every garden.

RosePkt., 10c
WhitePkt., 10c
StripedPkt., 10c
CrimsonPkt., 10c
PurplePkt., 10c
BluePkt., 10c
1 pkt. each of the above six varieties50c
Tall Mixed—Per pkt., 5c; per oz., 25c



Morning Glory (Convolvulus Major Mixed)

CONVOLVULUS MINOR—Dwarf Morning Glory—A very early flowering annual with brilliant flowers. Of very easy culture. **Finest Dwarf Mixed—**Pkt., 5c;oz., 25c

CONVOLVULUS—JAPANESE MORNING GLORY—See Ipomea.

**COSMOS—Early Flowering Dawn.**

COSMOS

Cosmos is the showiest of our late summer and autumn blooming annuals, hardy, of rapid growth, forming bush-like plants with feathery foliage. The flowers are gracefully poised on long stems and very useful for decorative purposes, lasting a week or more in water. It is a very prolific bloomer, and if the plants are given enough space to develop well, will branch freely, every shoot being covered with a mass of flowers. Cosmos is very effective among shrubbery and especially desirable for interplanting with early blooming perennials, as it fills in the gaps when the latter are through flowering. Seed sown in the open ground in the early part of May, will produce blooming plants in July, and will continue to flower until late in the fall. Cover the seed with $\frac{1}{4}$ to $\frac{1}{2}$ inch of soil firmly pressed down, or the seed may be started under cover, and afterwards transplanted, not less than 12 inches apart in rows, or in masses in beds. When the plants are about a foot high, they should be pinched out to induce a bushy growth. They prefer a light, dry, sandy or poor soil, not too rich. Cosmos should have a sunny situation.

Early Flowering Dawn—White, tinted pink.....Pkt., 10c
Early Flowering Dawn—PinkPkt., 10c
Early Flowering Dawn—CrimsonPkt., 10c
Early Flowering Dawn—Pure whitePkt., 10c
Early Flowering Mixed—Pkt., 5c; $\frac{1}{4}$ oz., 25c; oz., 75c

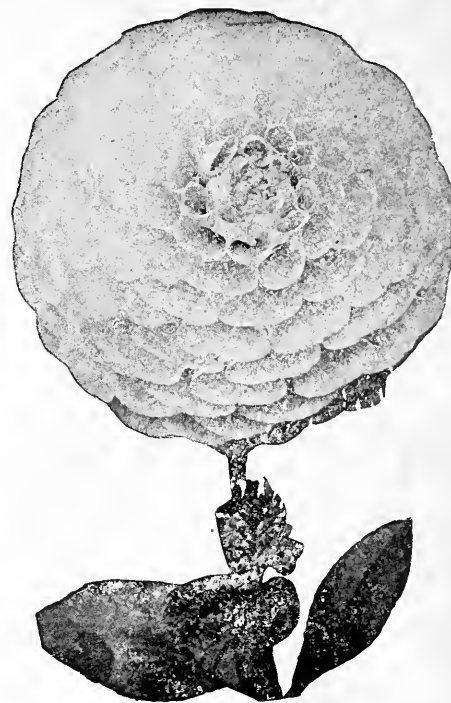
COSMOS—Double Crested

This new type of Cosmos is unique and exceedingly pretty. The flowers are of good size, with fully double centers and an outer row of broad ray petals. The plants are vigorous, attaining a height of 4 feet, and are covered with blooms. This is the best of all Cosmos for cut flowers, lasting well in water, and the dainty colors are most attractive for either garden or table decoration. Give Cosmos the full sunshine for successful growth.

Double Crested—Pink beautyPkt., 15c
Double Crested—White QueenPkt., 15c
Double Crested—MixedPkt., 15c

CYPRESS VINE—(Ipomea Quamoclit)—A hardy rapid climbing annual, with feathery foliage, bearing bright scarlet and white flowers very profusely. Mixed Pkt., 5c; $\frac{1}{4}$ oz., 25c

Daisy—(Bellis) Pkt., 5c; $\frac{1}{4}$ oz., \$1.00
 Finest double; very desirable for edgings or low borders. Pink and white mixed. Height four inches. Hardy perennial.

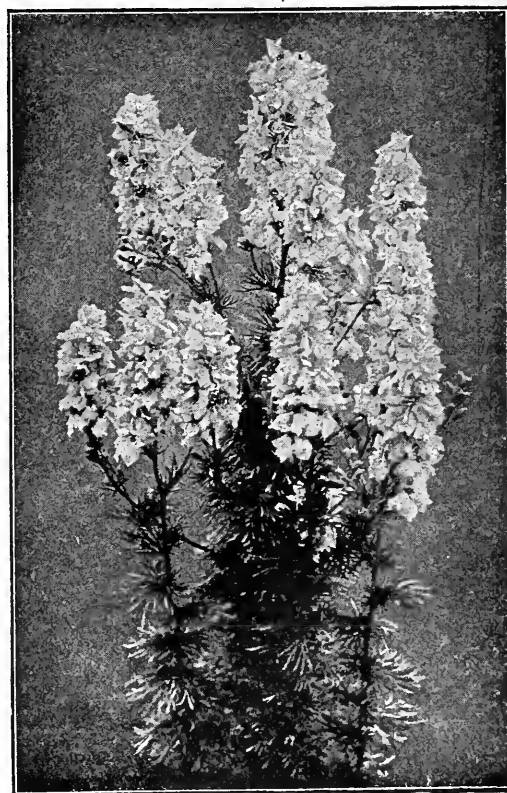
**DAHLIA—(Double.)**

DAHLIA—Double Mixed, Pkt., 10c; $\frac{1}{8}$ oz., 50c

This strain is a decided advance on the ordinary double. The plants are of a strong, robust habit and produce an abundance of flowers of immense size. Half-hardy perennial. Four to six feet.

DAHLIA—Single Mixed, Pkt., 5c; $\frac{1}{4}$ oz., 30c

DAISY—(Shasta)—(See Chrysanthemum.)

**DELPHINIUM—Perennial Larkspur.**

(See next page.)

DELPHINIUM**Perennial Larkspur.**

These are one of the most handsome and useful hardy plants, and for the Perennial border are invaluable. Excellent for cut flowers, producing large, long spikes of beautiful flowers, of varying shades of blue. Hardy Perennial.

Formosum—Dark bluePkt., 10c
This is the old favorite dark blue Larkspur, and one of the best. Hardy Perennial. Three feet.

BelladonnaPkt., 10c
A very free and continuous bloomer, with flowers of a turquoise blue. Hardy Perennial. Three feet.

Hybridum Fl. Pl.—Finest Double Mixed in a great variety of charming colors. Three feet. Pkt., 10c; ¼ oz.50c

FOR ANNUAL VARIETIES SEE LARKSPUR.

**DIANTHUS OR PINKS.**

One of the most popular flowers in cultivation, producing a wonderful variety of bloom in most brilliant colors, and are most profuse bloomers. The varieties classed as annuals are really biennials, and in mild climates will survive the winter with light protection. In this northern latitude, they are best sown in the house, and then transplanted to the open after safe from frost, when in a very short time they will be a mass of bloom, continuing until cut down by frost. In good sheltered locations, they may be sown out of doors. The double types are almost as useful as Carnations for cut flowers, and all will succeed in almost any kind of good soil, if given a sunny location. Height 12 inches.

SINGLE ANNUAL VARIETIES.

Crimson Bell—Rich Velvety CrimsonPkt., 10c
Eastern Queen—Beautifully marked with rose and mauve. Pkt.10c

Heddewigii—(Single Japan Pink)—Flowers of the most wonderful coloring, beautifully marked. Mixed colors. Pkt., 5c; ¼ oz., 25c

DIANTHUS OR PINKS**DOUBLE ANNUAL VARIETIES.**

Heddewigii Fl. Pl.—(Double Japan Pink)—Very large and double flowers of brilliant colors. Mixed Pkt., 10c; ¼ oz.30c

Chinensis Fl. Pl.—(China or India Pink)—Blossoms in clusters, with a brilliant assortment of colors. Pkt., 10c; ¼ oz.30c

Plumarius—(Hardy Perennial Grass Pink, Scotch Pink or Pheasants Eye)—A single hardy perennial pink, with fringed edge, light colored flowers with a darker center variously colored. The old-fashioned garden favorite. Pkt., 10c; ¼ oz.50c

DOLICHOS—(Hyacinth Bean.)—Daylight—Pkt., 10c; oz.,35c
This is a white form of the well known Hyacinth bean, and of most rapid growth and very free blooming habit. It has been known to bloom in 8 weeks from the time of sowing, at height of ten feet. Annual.

DOLICHOS—(Hyacinth Bean.)—Scarlet—Pkt., 10c; oz.,35c
A scarlet type of the same rapid growth as the preceding variety and very free flowering. Annual.

ESCHINOCYSTIS LOBATA

(See Wild Cucumber.)

ESCHSCHOLTZIA**California Poppy.**

A very attractive profuse blooming hardy annual, for beds, edging or masses. Bloom from early summer until frost. Should be grown in every garden. Height one foot.

YellowPkt., 10c; ¼ oz., 30c
WhitePkt., 10c; ¼ oz., 30c
RosePkt., 10c; ¼ oz., 30c
Crimson KingPkt., 10c; ¼ oz., 30c
Golden WestPkt., 10c; ¼ oz., 40c
Fine MixedPkt., 5c; oz., 25c
Peerless MixedPkt., 10c; oz., 50c

Eschscholtzia.

California Poppy Novelties

Tango—Bronzy-red overlaid terra-cotta, a popular shade with the ladies. Pkt., 15c¼ oz., 60c

Mauve Beauty—A delicate new color previously unknown, a beautiful shade of pure mauve. Pkt., 15c; ¼ oz.,60c

Purple Glow—A bright reddish purple, and is the darkest shade obtained so far. Pkt., 15c;¼ oz., 50c

Lovely—A lovely tone of bright rose pink, suffused with salmon, the blooms have a satiny appearance, which adds very much to the effect "LOVELY". Pkt., 15c;¼ oz., 60c

Scarlet Beauty—The brightest of all. A deep scarlet, it has the appearance when in bloom of a vivid scarlet Tulip. Pkt., 15c;¼ oz., 60c

BUSH ESCHSCHOLTZIA—See Hunnemannia.

EUTOCA—(Viscida)—Intense BluePkt., 5c
Foliage dull green, covered with hairs; blossoms blue and striped, ¾ of an inch across, produced in terminal racemes. Succeeds best in warm sandy soil, not over rich. Sow in open ground early in spring, and thin to one foot apart. Hardy annual, one foot high.

EVENING PRIMROSE—(See Oenothera.)

EVENING SCENTED STOCK—(See Mathiola Bicornis.)

FEVERFEW—(See Matricaria.)

FORGET-ME-NOT—(See Myosotis.)

FOXGLOVE—(Digitalis)—Mixed—Pkt., 5c; ¼ oz., 25c
Grows to the height of three or four feet, with dense spikes of brilliantly colored flowers, which are terminal and half as long as height of plant. Colors: White, Lavender and Rose. A valuable flower in every perennial garden; does not usually blossom until the second year. Hardy biennials or perennials.

FOXGLOVE—(Digitalis)—Gloxiniaflora Pkt., 10c; ¼ oz.,50c
This type of similar growth to the preceding variety, bears beautifully spotted flowers resembling the Gloxinia.

FOUR O'CLOCK—(Marvel of Peru)—Mixed pkt., 5c; oz.....25c
These flowers are funnel-shaped. Red, White, Yellow or Striped with these colors and open about four o'clock in the afternoon remain open all night and generally perish about noon next day. The abundance of new flowers produced daily afford a constant succession of fine blooms. Sow seed in open ground. Hardy annual; two feet high.



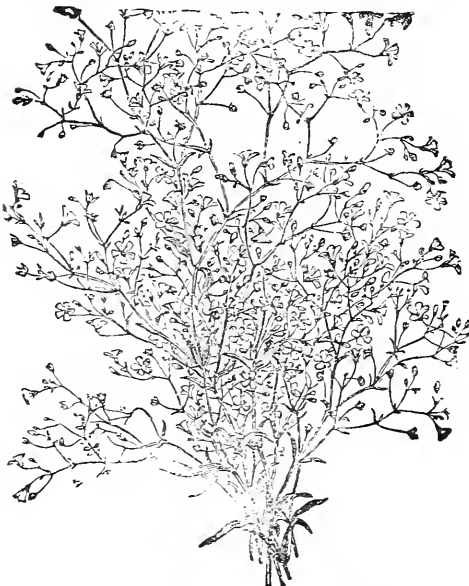
GAILLARDIA—(Annual Mixed.)
(Blanket Flower)

GAILLARDIA—(Picta Single Mixed)—Pkt., 5c; ¼ oz.....25c
Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing to bloom from early summer till November; excellent for cutting. 1½ feet high. Annual. See cut on page 62.)

GERANIUM—Zonale—Mixed. A superb strain of the largest and finest varieties. Very interesting to grow from seed, which should be started indoors and transferred to the pen when safe from frost. Pkt.,15c

GODETIA—Finest Mixed—Pkt., 5c;¼ oz., 25c
A hardy annual growing from 6 to 10 inches high. Of compact growth with a profusion of satiny cup-shaped flowers in deep red, pink and white, shaded and blended. Valuable for bedding or massing.

GOMPHRENA, or Globe Amaranth, Mixed—Pkt., 5c; ¼ oz.....25c
A low growing hardy annual, everlasting or straw flower; about eight inches high, with globe-shaped flowers, in mixed colors. The plant makes a good border and is attractive, either while growing or dried.



Gypsophila—(Perennial Variety.)

GOURDS

Both Useful and Ornamental

A tribe of climbers with curiously shaped and colored fruit. Being of rapid growth they are fine to cover old fences, trellises, stumps, etc. Tender annual; ten to twenty feet high.

Hercules Club—Distinctly club-shaped, the longest of all varieties. Pkt., 10c;oz., 25c

Japanese Nest Egg—Used as nest eggs; fruits are white, do not crack, and are not injured by heat or cold Pkt., 10c; oz., 25c

Sugar Trough—Has durable thick shell, and is often used for dishes and other household utensils. Pkt., 10c;oz., 25c

Dipper or Siphon—Greatly used for dippers, fruits long and bottle shaped, with straight or slightly crooked neck. Pkt., 5c; oz., 25c

Gourds Mixed Pkt., 5coz., 25c

GYPHOPHILA—(Annual—Baby's Breath or Bridal Veil Pkt., 5c;oz., 30c
Delicate, free flowering little plants covered with a profusion of white, small star-shaped flowers. Valuable in conjunction with other flowers for making bouquets. Will thrive anywhere. An annual that should be in every garden.

GYPHOPHILIA—(Paniculata)—Perennial—Pkt., 10c; ¼ oz.....25c
A graceful hardy plant, fine for cutting for bouquets; flowers in feathery white panicles; height 1½ feet.

GYPHOPHILIA—(Rokejeka)—PerennialPkt., 10c
A beautiful tall growing type, with delicate rosy pink blossoms. New.

HELIOTROPE—Mixed, Pkt., 5c;¼ oz., 75c
Blooms from seeds the first year and as early as Sweet Peas or balsams. Heliotrope, although a tender perennial, will bloom as easily from seed as any of the common annuals. Two feet.

HELIOTROPE—(See Straw Flower.)

HESPERIS—(See "Sweet Rocket".)

HOLLYHOCK

CHATER'S DOUBLE VARIETIES.

Our seeds of this have been saved from the finest and largest double flowers only, and will produce flowers extremely double and in the best, brightest and most charming colors. Sow in April, May or June for next year's blooming Perennials. Four to six feet.

Elood Red ¼ oz., 50c; Pkt., 10c	Rose .....¼ oz., 50c; Pkt., 10c
White .....¼ oz., 50c; Pkt., 10c	Maroon .....¼ oz., 50c; Pkt., 10c
Pink .....¼ oz., 50c; Pkt., 10c	Crimson .....¼ oz., 50c; Pkt., 10c
Yellow .....¼ oz., 50c; Pkt., 10c	

Three Packets of any of the above varieties.....25c

Six Packets of any of the above varieties.....50c

Chater's Double Mixed—Pkt., 10c; ¼ oz.,50c

Allegheny Semi-Double Fringed.....Mixed Pkt., 10c

SINGLE ANNUAL VARIETIES.

HOLLYHOCK—(Annual)—Single Mixed Pkt., 10c; oz.....40c

EUMULUS—(Japanese Hop) Pkt., 10c; ¼ oz.....30c

Variegated Japanese Hop. Quick growing vine for veranda or trellis. Annual; not subject to insect pests; very handsome; stands drought well. Twelve feet.



Hunnermannia—(Bush Eschscholtzia.)
See Next Page.

HUNNEMANNIA or **BUSH ESCHSCHOLTZIA**—Pkt 10c; ¼ oz 30c
Known as the Santa Barbara Poppy. An erect-growing tender perennial, about two feet high. Foliage fine cut and feathery. Blossoms beautifully, sup-shaped, bright yellow and about three to four inches across. Stems long and smooth. There are few more satisfactory flowers in the garden than the Hunnemannia.

HYACINTH BEAN—(See *Dolichos*.)

IPOMEA—BONA NOX—(Evening Glory or Good Night)—Large fragrant violet blossoms expanding in the evening.
Pkt., 10c;;oz. 30c

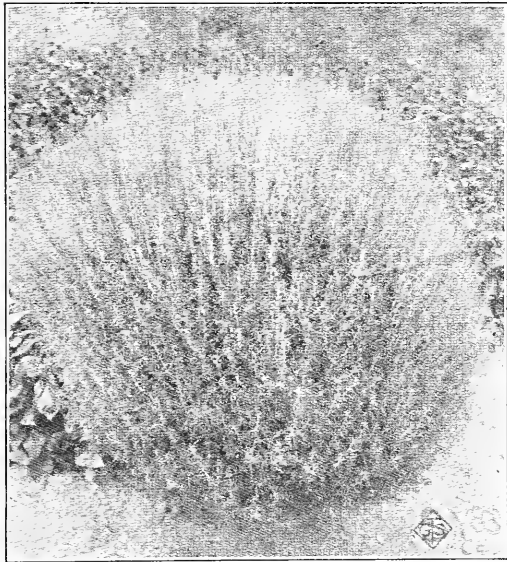
IPOMEA—(Mikado) (Japanese Morning Glory)—Pkt., 10c; oz. 30c
New Improved Japanese Convolvulus of grand variety, flowers measuring from 4 to 5 inches across, great variety of colors, very handsome foliage.

IPOMEA QUAMOCLIT—(See Cypress Vine.)

IPOMEA NOCTIFLORA—(See Moonvine.)

ICE PLANTPkt., 5c
Pretty summer trailing annual for vases and rock work; leaves covered with ice-like drops. Very useful for garnishing.

KENILWORTH IVY—(*Linaria*) **Creeping Charlie**.....Pkt., 10c
A charming trailing plant, especially adopted for hanging baskets. Tender perennial.



Kochia Trichophylla—Mexican Burning Bush.

KOCHIA OR MEXICAN BURNING BUSH—Pkt., 5c; ¼ oz.....25c
Grows quickly from seed sown in the open ground. The plants are of rounded or globe-like form. Early in the fall the ends of the shoots are thickly set with small bright scarlet flowers the bushy plants resembling balls of fire; makes a very good summer hedge. Hardy annual. Three feet.

KUDZU VINE —(*Pueraria Thunbergiana*)Pkt., 10c
To this must be awarded first place as the fastest growing hardy climbing plant. It will grow 8 to 10 feet the first year from seed, and after it becomes established there seems to be no limit to its growth. Its foliage is large and covers well; bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. A splendid subject for covering permanently verandas, dead trees, etc. Hardy perennial.

LARKSPUR—(Annual *Delphinium*)—This hardy annual is one of the best of garden plants. Sown indoors early in the season, and transplanted to the open ground as soon as safe from frost, will produce blooming plants in July, which will continue in flower until frost. A splendid cut flower.

Larkspur—Finest Mixed, Pkt., 5c; ¼ oz., 25c;oz., 75c

Larkspur—Chinensis—(Blue Butterfly)Pkt., 10c
Another splendid type, very free flowering, with flowers of a beautiful Gentian blue, annual. Three feet.

LARKSPUR—Emperor Mixed—The flowers are quite double and of the most beautiful shades. Pkt., 10c; ¼ oz., 30c; 1 oz., \$1.00

For perennial Varieties of Larkspur see *Delphinium*.

LATHYRUS—(Everlasting Sweet Pea.) See Sweet Peas.

LAVENDULA VERA—(Sweet Scented Lavender)—A well known sweet scented shrub, of dwarf bushy habit. Extremely desirable for its delicious perfume. Should be extensively grown in every mixed border.Pkt., 10c

LINUM—(Scarlet Flax) Pkt., 5c;oz., 35c
Distinguished for their brilliant colored flowers which are crimson with black center, saucer-shaped, and very conspicuous in bed or border. The foliage of the plant is slender and delicate. Height 1½ feet. Hardy annuals.

LINUM—(Perene)—Pkt., 10c;¼ oz., 30c
A fine deep blue variety, growing about 18 inches. Hardy perennial.

LINUM—(Album) Pkt., 10c;¼ oz., 35c
A handsome white variety of the hardy flax. Perennial.



Lupinus.

LUPINUS, OR LUPINS—Mixture of all colors, Pkt., 5c; oz., 25c
Hardy annuals in great variety, growing from one to three feet high, and bearing spikes of pea-shaped flowers. Of the easiest culture. Sow in the open ground and thin to six inches apart.

LOBELIA—(Crystal Palace)—Dark Blue Pkt., 10c;.....¼ oz., 50c
An elegant and useful genus of plant of easy culture and well adapted for bedding. They make a neat edging for beds and are very effective in masses, being always completely covered with flowers. Annual. Six inches.



Marigold—(African Double. See next page.)

LOVE IN A MIST—(See Nigella.)

AFRICAN MARIGOLD

TALL. DOUBLE.

Old-time favorites of most easy culture and growth. One of the most showy annuals with their wonderful shades of yellow. Require a light soil and full exposure to the sun to get best results. Three feet.

Eldorado—Flowers very large, imbricated and very double. Colors in all shades of yellow—Pkt., 10c; ¼ oz., 50c

Lemon Queen—Large flowered variety with lemon yellow flowers—Pkt., 10c; ¼ oz., 50c

Orange Prince—A very large and showy variety, with very double flowers of a rich deep golden-orange color. Pkt., 10c; ¼ oz., 50c

Tall African Double Mixed Pkt., 5c; ¼ oz., 25c

Dwarf French Marigold—The dwarf French Marigolds rarely exceeds one foot in height, and their most beautifully marked flowers of all shades of yellow and brown, are exceedingly attractive. Mixed Pkt., 5c; ¼ oz., 25c

MATTHIOLA BICORNIS—(Evening Scented Stock.) Pkt., 10c ¼ oz., 30c

No annual in cultivation equals this in delicate perfume of its flowers. The pink and lilac blossoms partly close during the day, but expand and impart their fragrance in the evening. Include with your order a packet or two of Evening Stock. You will not regret it. 12 to 18 inches.

MATRICARIA—(Feverfew)—Double white Pkt., 10c
A favorite bedding plant and profuse bloomer. Half-hardy perennial. Treat as an annual.

MEXICAN BURNING BUSH—(See Kochia.)

MIGNONETTE

MIGNONETTE —
(Sweet Scented)
Pkt., 5c; oz., 25c

A well known hardy annual, producing dense, spikes of exceedingly fragrant flowers. If sown at intervals in spring and summer, it will bloom until killed by frost. Thrives best in a cool temperature.



Mignonette—(Sweet Scented.)

MIGNONETTE—(Golden Machet)—Pkt., 10c; ¼ oz., 25c
A compact growing variety with medium long, thick spikes of yellow florets.

MIGNONETTE—(Pure Machet)—Pkt., 10c; ¼ oz., 25c
A compact growing variety with thick spikes and large florets of a reddish color.

MIGNONETTE—(Allan's Defiance)—Pkt., 10c; ¼ oz., 25c
Very fine, long spikes of whitish flowers, splendid for cutting.

MIGNONETTE—(Goliath)—Pkt., 10c; ¼ oz., 25c
Enormous spikes of double red flowers.

MIGNONETTE—(Victoria)—Pkt., 10c; ¼ oz., 30c
A large flowered crimson variety.

MOON FLOWER—(Ipomea Noctiflora)—Pkt., 5c; oz., 50c
So called from its rare peculiarity of blooming best at night, although it also expands its flowers on dull days. It is a beautiful climber, producing large, sweet-scented flowers 4 to 5 inches across. Tender annuals. 15 to 20 feet. Soak seed and plant in warm sunny place.

MUSK PLANT—(Mimulus Moschatus)—Pkt., 5c
Foliage emits a strong musky perfume; yellow; fine for hanging baskets.

MYOSOTIS—(Forget-Me-Not)—Pkt., 5c; ¼ oz., 35c
Neat and beautiful little plants with star-like flowers; succeeding best in a shady, moist situation; half hardy perennials; blooming the first year from seed if sown early. The true Forget-Me-Not; beautiful blue flowers.

MORNING GLORY—(See Convolvulus.)

MOURNING BRIDE—(See Scabiosa.)

NEMOPHILA—(Love Grove)—Mixed Pkt., 5c
Of dwarf spreading habit. It is well adapted for border or pot culture. The flowers are exquisitely colored, blotched and spotted; they are quite apt to sport into an endless variety of shades, from black and blue to the lighter shades. Sow in spring and thin to 1 foot apart. Hardy annual; 6 inches high.

NASTURTIUMS

NASTURTIUMS—(Dwarf Prize Mixture)—Price 1 lb., \$1.50; ¼ lb., 40c; 2 ozs., 25c; 1 oz., 15c; Pkt., 5c
This is undoubtedly the finest mixture of Dwarf Nasturtiums offered anywhere. Every shade is grown separately and we blend this mixture on our own premises, under our own personal supervision.

NASTURTIUMS—(Dwarf)—Named Varieties.

¼ lb., 50c; 1 oz., 20c; Pkt. 10c

Cloth of Gold—Scarlet flowers and yellow foliage.**Golden Queen**—Golden yellow with golden foliage.**King of Tom Thumbs**—Glowing scarlet dark foliage.**King Theodore**—Black-brown, with dark foliage. The darkest of them all.**Prince Henry**—Light yellow mottled with scarlet.**Vesuvius**—Brilliant salmon-rose, dark foliage.**NASTURTIUMS**—(Tall or Climbing)—Named Varieties.

¼ lb., 50c; 1 oz., 20c; Pkt. 10c

Chameleon—Bears different colored flowers on the same plant.**Gold Garnet**—Orange yellow, with garnet blotches.**King Theodore**—Deep maroon with dark foliage.**Prince Henry**—Light yellow, mottled with scarlet.**Vesuvius**—Salmon-rose, with dark foliage.

NASTURTIUMS—(Tall Prize Mixed)—Price: 1 lb., \$1.50; ¼ oz., 40c; 2 oz., 25c; 1 oz., 15c Pkt., 5c
For richness and variety of color these have no equal among Nasturtiums. Some of the most striking are: White, shaded Carmine, Deep Maroon Throat, Golden Yellow, Shaded Brown Edges; Yellow, Shaded and mottled Carmine; Bright Yellow, etc.



Tall or Climbing Nasturtiums.

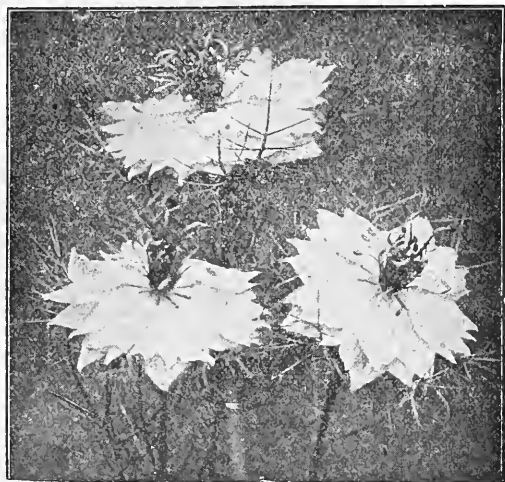


Nicotiana (Flowering Tobacco Plant.)

NICOTIANA AFFINIS—(Sweet Scented Tobacco Plant) —
(Mixed)—Large flower. Half-hardy Annual. Three feet. Pkt., 5c

NICOTIANA SANDERAE

Hybrids Mixed pkt 10c
Handsome garden plants of the tobacco family, valuable for the long duration of their bloom. Flowers white, carmine-rose, or violet; is in full bloom during the day. Very floriferous. Hardy annual. Three feet.



Nigella.

NIGELLA DAMASCENA—(Love-in-a-mist or Devil-in-a-Bush)—

This is a low growing annual, producing blue and white flowers in great profusion. The flowers are followed by curiously formed seed pods. The foliage is very pinnate or finely cut. Of compact habit. One foot. Mixed colors—Pkt., 5c; oz., 35c

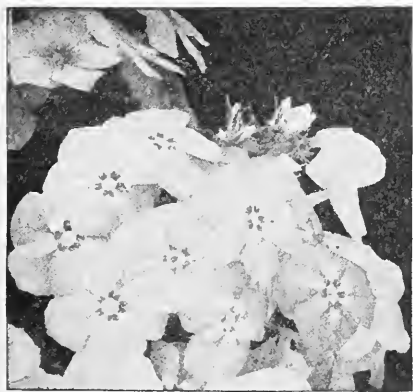
Oenothera Afterglow.
(Evening Primrose.)**OENOTHERA
AFTERGLOW —**

(California Evening Primrose)—

This is a novelty among the evening primroses of great beauty for the garden. The combination of red stems with red buds and yellow flowers make it a beautiful and striking plant in any collection of hardy annuals. Pkt., 10c

PHLOX Drummondii

(ANNUAL VARIETIES)



Any of above named varieties, 1/4 oz., 50c

PHLOX—HARDY PERENNIAL (F. Decussata.)

One of the Finest hardy perennials, with extremely large heads of the most magnificently colored flowers, remaining in bloom during the late summer months. Two to three feet. Mixed, Pkt., 10c; 1/4 oz., 60c

MASTODON PANSIES

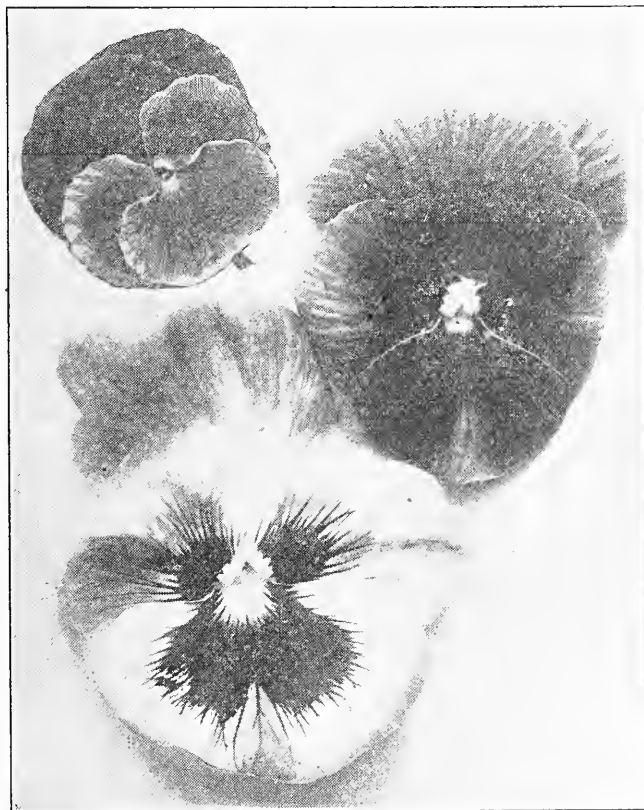
These popular flowers thrive best on a cool moist but well-drained soil, enriched with well-rotted barnyard manure or fine ground bone. Seeds sown early will produce fine plants for autumn blooming. The proper method is to sow in July or August and protect the plants during the winter when they will flower continuously the next spring and summer. Our Pansies are renowned as the most beautiful pansies in the world for size and color.

ADONIS (New)—This beautiful pansy is of huge size, in light blue, baby blue, and lavender shades. The ladies favorite. Pkt., 10c

BEACONSFIELD (New)—A fine bluish purple with a distinct lavender tinge on the upper part of the petals. A beautiful shade. Pkt., 10c

BRONZE MASTODON—Wonderful shades of bronze—from light burnished brass to deep bronze, wonderfully tinted with almost every shade known in pansies. Pkt., 10c

BLACK MASTODON—This beautiful pansy varies from a deep velvety purple to a satiny jet black, with blooms of immense size. A rare color Pkt., 10c



GRAND DUKE MICHEL—(Improved Candisissima)—The finest and largest pure white pansy known Pkt., 10c

MADAME PERRETT—A distinct type of Pansy, dark wine, pink and red, edges of petals edged with white, beautifully frilled flowers and veined with rich contrasting colors. Pkt., 10c

METEOR—A most profuse bloomer of a wine red color, invaluable for border work Pkt., 10c

MADAME STEELE—(Elks Purple)—A beautiful and attractive shade with very large flowers Pkt., 10c

PANAMA PACIFIC—A huge deep yellow, many with a dark eye, almost a velvety black, some flowers a solid yellow Pkt., 10c

PRINCE HENRY—A splendid Dark Blue of immense size. The finest dark blue known Pkt., 10c

PARISIAN YELLOW—A pure yellow of grand form and size. Pkt., 10c

WHITE MASTODON—(With Dark Eye)—This is one of the largest pansies grown, the flowers are enormous. Pkt., 10c

Pansy Fine Mixed Pkt., 5c; 1/4 oz., 50c

S. N. & S. Co.'s Peerless Mixed Pkt., 10c; 1/4 oz., \$1.00

S. N. & S. Co.'s Premium Mixed Pkt., 20c; 1/4 oz., \$1.25

PETUNIAS

PETUNIA—(S. N. & S. Co.'s Double Mixed)
Pkt.,25c

This is a mixture of the best large flowering and fringed double Petunias. Seed is saved from plants grown in pots, carefully pollenized and will produce grand flowers. Only a certain percentage of double flowers may be expected from seed, varying from 25 to 40 per cent. of doubles, while the remainder will be choice large single flowers. The weaker seedlings should be carefully saved, as these very often produce the finest double flowers.



Petunia—S. N. & S. Co.'s Double Mixed.

SINGLE VARIETIES.

PETUNIA — (Howard Star)Pkt., 10c
Crimson-maroon with a well defined five-pointed, white star in center.

PETUNIA — Fringed and Ruffled. Enormous flowers having edges of petals beautifully fringed and ruffled. Of great variety of colors many being beautifully veined. Pkt. 10c

PETUNIA—Blotched and Striped.
A splendid selection of wonderful coloring. Very large and free flowering. Pkt.,10c



Petunia—(Single Fringed.)

PETUNIA—Rosy Morn—A bright Rosy pink, with silvery white throat, very charming, compact and free flowering. Makes a very dainty and effective border. Pkt., 10c; 1/8 oz.,75c



Basket of Gaillardias.
(See page 58.)

These splendidly showy annuals are one of the most glorious grown, blooming from early summer to late fall, and will succeed in all parts of this section. As the above photo shows—they lend themselves to a large range of decorative purposes.

POPPIES

Annual Poppies should be sown as early in the spring as possible; they do not stand transplanting. Sow very thinly, barely covering the seed. Press down firmly, and they will come up in a few days. It is well to make several sowings at intervals to keep up a succession of bloom. If picked just before expanded, the flowers will last several days. Two feet.

SINGLE ANNUAL VARIETIES.

POPPY—(Miss Sherwood)—Satiny white. Pkt., 10c; oz.,40c
Shaded on fringed margin with salmon rose. Height 2 feet.

POPPY—(Tulip or Glaucum Flowered)—Pkt., 10c; oz.,40c
Intense scarlet single blossoms. The brightest colored of all Poppies.

POPPY—(Single Annual)—Mixed colors.
Pkt., 5c; 1 oz., 25c;1/4 lb., 85c
Gorgeous colorings, easily grown from seed sown in the open ground, where they are to remain.



Shirley Poppies.

POPPY — (The Shirley)—Mixed
Pkt. 10c; oz. 40c
An extra fine strain of charming Poppies. They are single and occasionally semi-double and range in colors from the purest white through the delicate shades of pale pink, rose and carmine to the deepest crimson and blood red, while many are dainty edged and striped. In fact so varied are they that scarcely any two flowers are alike.

POPPY—(Dannebrog, or Danish Cross)—Pkt., 5c; oz.,25c
Very showy variety, producing large flowers of brilliant scarlet, with a silvery white spot on each petal, forming a white cross.

POPPY—(Admiral)—Pkt., 10c;oz., 40c
White margined with brilliant scarlet. A very fine new color.

DOUBLE ANNUAL VARIETIES.

These Poppies are very handsome. The flowers grow to an enormous size, from 6 to 7 inches in diameter, are as double as Peonies and the colors are very rich and striking.

POPPY—(Double Carnation or Peony Flowered, Mixed).
Pkt., 5c;oz., 25c
Large, full, double fringed flowers, 2 feet high.

POPPY—(Cardinal Scarlet)—Pkt., 10c;oz., 30c
Splendid double fringed flowers.

POPPY—(White Swan or White Fringed)—Immense double white flowers, beautifully fringed, Pkt., 10c; oz.,30c

POPPY—(Double Salmon Pink)—A beautiful shade and a favorite with all. Pkt., 10c;oz., 30c

POPPY—(American Flag)—Pkt., 10c;oz., 30c
Beautiful variety; flowers very large and double; snow-white, bordered with scarlet.

POPPIES—PERENNIAL VARIETIES.

Hardy perennials of easy culture; in bright glowing colors, bloom first year from seed.

POPPY—ORIENTAL—(Papaver Orientale)—Pkt., 10c; 1/4 oz.,35c
This is the most gorgeous perennial Poppy flowering in June and July, with enormous blossoms often measuring 5 to 6 inches across, deep crimson, with a conspicuous black blotch on each petal. Transplanting should be done carefully. The best time to lift plants is in August. (See cut next page.)

POPPY—(Oriental Hybrids)—Mixed Pkt., 10c; 1/4 oz.,35c
Beautiful hybrids of the Oriental Poppy, producing flowers of immense size, 6 inches and over in diameter, and of many novel colors, ranging from delicate shades of salmon to deep crimson.

POPPY—ICELAND—(Papaver Nudicaule)—Pretty tufted foliage, flowers on long wiry stems in shades of white, yellow and vermilion, with satiny crinkled petals; beautiful flowers in greatest variety of colors.

Bright YellowPkt., 10c
Pure WhitePkt., 10c
OrangePkt., 10c
Mixed Pkt., 10c;1/4 oz., 40c



Oriental Poppy. (See Page 62.)

PORTULACA

(Moss Rose or Sun Plant.)

A low growing or creeping tender annual, six to eight inches high. One of our best annuals, of easy culture, thriving best in rather rich light loam or sandy soil, and luxuriating in an exposed sunny situation. The glossy cup shaped flowers are produced in great profusion throughout the summer, and are of the richest colors. Very fine for massing in beds, edgings or rockwork, and is frequently used to sow broadcast over sunny banks. The seed germinates slowly, and should be started under glass or when the weather is hot. They love the sunshine and do best on rather dry ground.

PORTULACA—Single Mixed Pkt., 5c; ¼ oz., 25c

PORTULACA—Double Mixed Pkt., 10c; ¼ oz., 75c

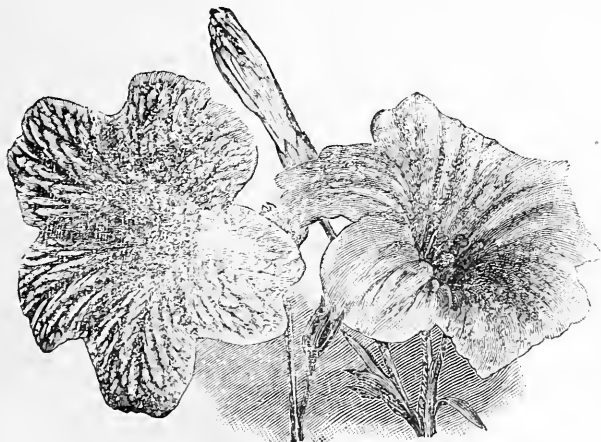
PYRETHRUM AUREUM—(Golden Feather) Pkt., 10c

A most desirable dwarf Pyrethrum for edging of borders, with golden yellow foliage. Half-hardy perennial. Six inches.

PHYSALLIS—Franchetti (Alkekengi) Pkt., 10c

The winter cherry. A splendid plant to grow in pots for winter decoration, bearing bright red fruit in great profusion. Known as Chinese Lantern Plant. Hardy perennial, treat as an annual. Two feet.

RICINUS—(See Castor Oil Bean.)

**SALPIGLOSSIS** (Finest Mixed.)

SALPIGLOSSIS—(Painted Tongue)—Finest Mixed, all colors.

Pkt., 5c; ¼ oz., 40c

One of the greatest favorite annuals of easy culture, beautiful orchid-like flowers, produced from early summer until late fall. Seed should be sown early in spring in a hot bed or window and transplanted when weather is settled or directly out of doors after danger of frost. Two to three feet.

SALPIGLOSSIS—(New Emperor)—Pkt., 10c; ¼ oz., 50c

Large improved strain with a complete range of colors.

SALVIA—(Scarlet Sage)—Pkt., 5c; ¼ oz., 50c

A tender perennial, blooming the first season from seed. The blossoms are borne on long stems in racemes or spikes and are fragrant. The plant blooms profusely. Two feet.



Scabiosa (Mourning Bride.)

SCABIOSA

Mourning Bride, or Pincushion Flower—They grow about 2½ feet high, and come into bloom early in July and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut, keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without Scabiosa, especially when flowers are wanted for cutting. Hardy annual.

Azure Fairy—Clear Lavender Blue Pkt., 10c

Snowball—Pure white Pkt., 10c

Fiery Scarlet Pkt., 10c

Tall Double Mixed Pkt., 10c; ¼ oz., 35c

Dwarf Choice Mixed Pkt., 5c; ¼ oz., 25c

S. N. & S. CO.'S

Special Flower and Vegetable Seed Collections—See Page 72

See Index on last page, for complete list of varieties of Seeds and Plants listed in this Catalog.



Schizanthus.

SCHIZANTHUS—(Butterfly or Fringe Flower)—Called the "poor man's orchid" on account of their easy culture and resemblance in form and variety of coloring to some of the floral aristocrats. Sown out of doors in spring where they are to remain, or started inside and transplanted when the weather is suitable. Hardy annual. One to two feet. Mixed. Pkt, 5c; ¼ oz., 25c

SHAMROCK—True small leaved Pkt., 10c

SHASTA DAISY—(See Chrysanthemum.)

SNAPDRAGON—(See Antirrhinum.)



Statice.

STATICE—(Sea Lavender)—Hybrids, mixed Pkt., 10c
These useful plants bear everlasting flowers that last a long time after cutting, and are of very easy culture. Hardy perennial. Two feet.

STOCKS

(Gilliflower.)

The stock is one of our very best annuals, either for bedding purposes or for pot culture. Their wonderful range of colors, and unequalled fragrance make them extremely valuable. Half hardy annual. Twelve to eighteen inches.

Improved Large Flowering 10 weeks Stocks.

Blood Red Pkt., 10c

Canary Yellow Pkt., 10c

White Pkt., 10c

Blue Pkt., 10c

Purple Pkt., 10c

Pink Pkt., 10c

Mixed—All colors, Pkt., 5c; ¼ oz., 50c

Stocks.

MAMMOTH FLOWERING BEAUTY STOCKS—Early flowering or winter stocks, of a very branching habit. Largely grown for winter cutting by florists, and for greenhouse decoration. For outdoor use, sow in March, will then bloom from July to frost.

Beauty of Nice—Flesh pink Pkt., 15c

Princess Alice—White Pkt., 15c

Queen Alexandria—Rose Pkt., 15c

Stock Evening Scented—See *Mathiola Bicornis*.

VIRGINIA STOCK—(*Malcomia Maritima*)

An early flowering small flowered annual, largely grown for edging border. Height about 6 inches, and bloom continuously during cool weather. Finest Mixed, Pkt., 5c; oz., 35c

STRAWFLOWERS

Everlasting Flowers.

The Everlasting or Strawflowers, with their rich bright colorings are most valuable for winter decorations. Plants grow readily from seed sown in the open ground when the trees are starting out in leaf. When well started, they should be thinned to stand several inches apart in the row, and should be kept cultivated to produce the finest and largest number of flowers. The blooms should be cut as soon as they open, tied in small bunches, and dried slowly in a cool, shady place, hanging the flowers downward to keep the stems straight.

ACROLINIUM—A very pretty half-hardy annual, producing white and rose colored double daisy like flowers. These are known as "Immortelles" and are desirable for wreaths and winter bouquets. Double Mixed, Pkt., 5c; ¼ oz., 25c

Ammobium Alatum—Two feet. Large flowered, with handsome double white flowers; useful either in the garden or for winter bouquets; cut before the buds open Pkt., 10c

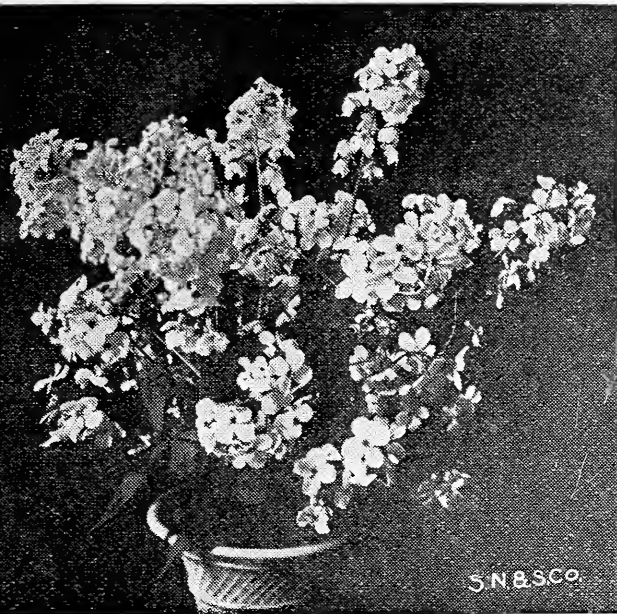
Helichrysum—Showy, easily grown annuals for the border; fine for winter bouquets; cut before the buds expand. Mixed colors Pkt., 5c

Xeranthemum—A hardy annual, 1 foot high bearing handsome double flowers on long stems; colors mostly white, blue and purple; cut when fully developed. One of our best everlasting and easily grown Pkt., 5c; ¼ oz., 25c

SUNFLOWER—(Mammoth Russian) Pkt., 5c; oz., 10c

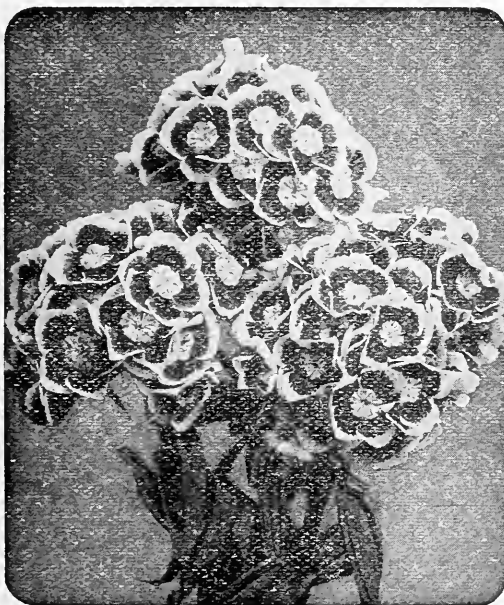
SUNFLOWER—(*Helianthus Californicus*) Pkt., 5c; oz., 40c
Chrysanthemum flowered. Hardy annuals, growing from 3 to 6 feet. Large densely double golden flowers. Fine, long stout stems for cutting.

SUNFLOWER—(Red New) Pkt., 10c; oz., 50c
Single, large red flowers, merging to yellow at tips of petals, very showy, height about 6 feet.



Sweet Rocket—(Hesperis).

SWEET ROCKET—(Hesperis)—Mixed—Pkt., 5c; oz.50c
A hardy perennial growing two feet high. A beautiful, fragrant flower of the easiest culture and bearing clusters of white and purple blossoms. Flowers in June and September.



Sweet William—(Single Mixed.)

SWEET WILLIAM—(Dianthus Barbatus)—A beautiful sweet scented old-fashioned perennial. Grows one to two feet high and bears its flowers in clusters at the end of a stiff stem. The individual flowerets are handsomely colored and marked. It makes a beautiful bedding plant and is of easy culture. Hardy perennial.

SWEET WILLIAM—Single—Mixed. Pkt., 5c; ¼ oz.,35c
More attractive than the double. Perennial.

SWEET WILLIAM—Annual flowering. A new strain that blooms the first season. Flowers large, borne in great profusion and in beautifully assorted colors, Pkt., 10c; ¼ oz.,60c

SWEET ALYSSUM—(See Alyssum.)

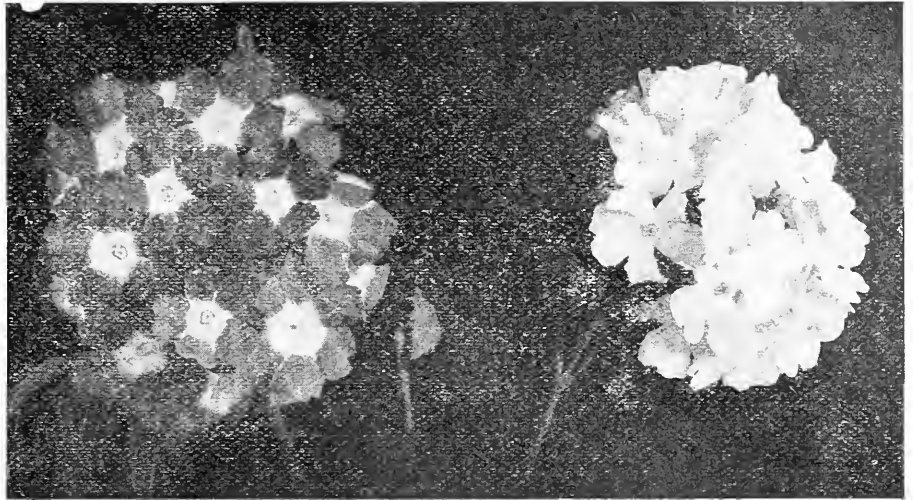
SWEET PEAS—(See pages 66-68.)

THUNBERGIA—(Black-Eyed Susan)—Pkt., 5c; ¼ oz.,30c
A beautiful tender climber, 3 to 5 feet high, with pale yellow or orange-yellow flowers having a distinct black center. Tender annual.

VERONICA—(Speedwell)Pkt., 10c
A beautiful species, with rich deep blue flowers.

VERBENAS

Verbena seed should be soaked in luke warm water before planting and care taken that the soil be very rich. Half hardy perennial.



Mammoth Verbenas.

VERBENAS—MAMMOTH.

Pink	Pkt., 10c
White	Pkt., 10c
Purple	Pkt., 10c
Striped	Pkt., 10c
Scarlet	Pkt., 10c
Rose and Pink Shades	Pkt., 10c
Fine Mixed—All colors	Pkt., 5c; ¼ oz., 30c
Peerless Mixed—Embracing a wide range of beautiful colors, the blooms being of mammoth size.....	Pkt., 10c ¼ oz., 50c

VERBENA—AURICULA EYED—(Choice Mixed)—A most beautiful array of Auricula Eyed blooms of brilliant colorings. ¼ oz., 40c; Pkt.,10c
Defiance—Brilliant ScarletPkt., 10c
Firefly—Red with small white eyePkt., 10c
Lutea—Yellow. A unique color among Verbenas. Very fine. Per Pkt.,10c

WHITLAVIAPkt., 5c
An easily grown, hardy annual, bearing small violet-blue cup-shaped blossoms. Plants one foot high. Sow seed in open ground in spring and thin the young plants. One foot.

WHITLAVIA GLOXINOIDES—Blue with white throat.....Pkt., 10c

WISTERIA—(Sinensis Purple)Pkt., 10c
One of our most popular hardy climbers. The flowers are abundantly borne in spring on long drooping racemes of light blue before the leaves appear.

WISTERIA—(Sinensis Alba)—WhitePkt., 10c

WILD CUCUMBERPkt., 5c; oz., 25c; ¼ lb., 75c
Ornamental climbing cucumber with curious fruit, remarkable for its luxuriance and rapidity of growth. Sow in the fall.

WILD FLOWER GARDEN MIXTURE.....Pkt., 5c; oz., 20c
A delightful surprise to thousands of flower lovers. Not a tame garden of wild flowers, but a wild garden of tame flowers. A mixture of the choicest seeds, mostly annuals, to be sown haphazard, in a promiscuous way.

WOOLFLOWER—See Celosia Childsii.

XERANTHEMUM—(See Strawflower.)

Wallflower

These half-hardy perennial and annual Wallflowers are grown for early spring bedding and are delicious for their fragrance. Perennial sorts should be sown in autumn and carried over in cold frame; annual sorts may be sown indoors in March and will flower the first year from seed.

WALLFLOWER—(Gold Lack)—Single Mixed—Pkt. 5c; ¼ oz. 25c
Wallflower should be better known, their adaptability for pot culture and out-door bedding and their very sweet odor should win favor. Eighteen inches.

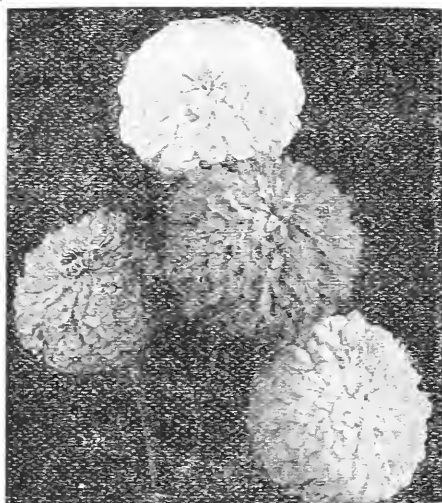
WALLFLOWER—Early Paris Market Pkt., 10c; ¼ oz.,30c
A beautiful single golden yellow variety, which may be treated as an annual, flowering through the summer from seed sown in the spring.

WALLFLOWER—(Blood Red)Pkt., 10c
This is a much improved and selected stock of the Annual Wallflower brought out some years since. We have ever since been carefully selecting this, and each year getting nearer to a blood red.

ZINNIA

(YOUTH AND OLD AGE.)

A half hardy annual growing from 1 to 2 feet high. The colors are in great variety and very bright. Probably no flower has such an assortment of shades, tints and colors, and no bedding plant is more effective for a brilliant show. Sow in boxes early and transplant.



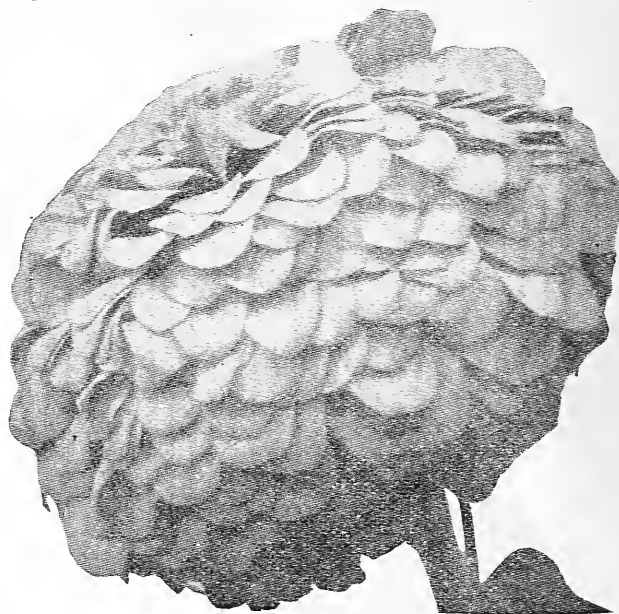
Zinnia Elegans.

ZINNIA ELEGANS**Dwarf Double**

White	Pkt., 10c
Scarlet	Pkt., 10c
Buff and Yellow....	
.....	Pkt., 10c
Crimson	Pkt., 10c
Striped	Pkt., 10c
Mixed —	Pkt., 5c;
1/4 oz., 20c; 1 oz., 35c	

erally covering itself with brilliant red blooms about one inch in diameter. Very effective both as a border plant and also when massed.

ZINNIA—(Curled and Crested)—Mixed Pkt., 10c; 1/4 oz., 25c
A fine mixture of colors. The petals are curled and the flowers large and attractive.



Zinnia Robusta.

ZINNIA—ROBUSTA OR GIANT.

Tall Double—White	Pkt., 10c
Tall Double—Flesh	Pkt., 10c
Tall Double—Scarlet	Pkt., 10c
Tall Double—Yellow	Pkt., 10c
Tall Double—Crimson	Pkt., 10c
Tall Double—Mammoth Mixed	Pkt., 10c; 1/4 oz., 35c

ZINNIA GRACILLIMA COCCINEA—(Little Red Riding Hood)
Pkt., 10c; 1/4 oz., 40c

A superb dwarf variety growing about one foot high, and lit-

Eight Beautiful Spencer Sweet Peas Grand New Novelties

ANNIE IRELAND.—Pure White, with distinct edge of Terra Cotta Pink, very beautiful.

ALEXANDER MALCOM—Unsurpassed Glowing Scarlet Cerise. A magnificent color.

CECILY—Fine Salmon Pink, with giant flowers, having more color in them than any other to date. A most charming variety.

DOBBIES MAROON—This fine variety will appeal to those having a preference for the darker and richer colors. The flowers are of great size, beautifully waved, and borne freely in threes and fours. Color a deep, rich glowing, reddish maroon. The plants grow vigorously with strong stems and the fine flowers are borne in great profusion.

EDITH CAVELL—A very rich shade of Rose Pink on a Cream ground. The flowers are beautifully waved, and three and four on long strong stems.

HALMARK PINK—We think Halmark Pink is the finest of its class. The standard is clear Salmon Pink, the wings almost Rose Pink. The large flowers are well waved and gracefully carry four blooms to a stalk.

MRS. TOM JONES—A great and decided advance in the blue section, which may be described as bright Delphinium-Blue. The flowers are very large and of great substance; beautifully waved, and invariably come four on a stem of great length. A first-class rich blue has long been wanted and now we have it in this charming and beautiful novelty, which is easily the finest and most perfect blue Sweet Pea to date.

TWILIGHT—Deep Cream Shaded Violet Mauve. A very distinct and beautiful shade.

Any of the above novelties, per pkt. (about 30 seeds) 25c; 1/2 oz., \$1.00; oz., \$1.75.

Spencer Sweet Peas

THE GIANT WAVED OR ORCHID FLOWERED.

Sweet Peas, gay and fragrant, are the most universally popular annual flowers cultivated. Inexpensive, easily and quickly grown from seed, thriving in town or country gardens, supplying an abundance of continuous bloom for months—an adornment to garden, house or corsage. Is it any wonder that they are "everybody's flowers," and have been for generations?

How to Grow Sweet Peas—The general opinion is that Sweet Peas being common and hardy can be planted anywhere, which accounts for a lot of failures. There is no reason why everyone should not have fine flowers if they will observe a few simple rules. First of all **plant early**. We recommend the middle of April. **Dig deeply**. If you are growing sweet peas every year, try and prepare your ground in the Fall, and dig 18 inches deep, mixing manure thoroughly in the subsoil. The surface soil in which the seed is sown should not contain manure. If you start in the Fall you will find you can sow earlier in the Spring. If you can't secure manure, use bone meal or commercial fertilizers containing phosphate and potash. Cover the ground an eighth of an inch with these and then dig in and mix thoroughly with the soil. Sow the seed three inches deep if on sandy soil, or two if in clay. Sow thinly unless you have the courage to pull them out after they come up. You can't have fine flowers through the season when plants are very thick. Two or three inches apart, or better, four inches if you want big flowers. Cultivate as soon as they are up and keep cultivating. Stake them as soon as the rows show plainly. For the first month they scarcely make any growth above ground, but don't need water unless the season is very dry. Later on, when they are showing vigorous growth, a thorough watering twice a week will help wonderfully, if there is not sufficient rain. Don't plant them alongside a house, under trees or close to a board fence and expect much from them. They need an open space.

Our leaflet on Sweet Pea culture will be mailed you free on request.

AGRICOLA—Faint Lavender and blush. Per Pkt., 10c; oz., 50c

APPLE BLOSSOM—Per Pkt., 10c; oz., 50c. Very large bold flower of best Spencer form. Standard very bright rose, wings primrose with flush of rose tint. A grand, robust variety.

ASTA OHN—Per pkt., 10c; oz., 50c. The best lavender Sweet Pea. Is more truly a soft pinkish lavender self. Flowers are very large and beautifully waved. A very charming variety.

ALFRED WATKINS—Crop failed. A clear lavender with very large flowers. Beautifully waved. ed.

AURORA—Per pkt., 10c; oz., 50c. Flowers white, mottled and flaked with bright orange pink. Splendid form and nicely waved. A very pretty flower and one of the finest and largest Spencers.

BARBARA—Per pkt., 10c; oz., 50c. Beautiful salmon shade.

BERTRAND DEAL (Improved)—Per pkt., 10c; oz., 50c. Large rosy lilac of great vigor. Flowers of splendid form and substance. Very fine for cutting.

BLANCHE FERRY—Per pkt., 10c; oz., 50c. A giant type of Spencer form with rose standard and wings white, suffused and tinted with light pink.

BLUE PICOTEE—Per pkt., 10c; oz., 50c. White beautifully edged with blue.

CAPTAIN OF THE BLUES or WAVERLY SPENCER—Per pkt., 10c; oz., 50c. Pure purple. The margin of the petals is marbled. Very large and distinct.

CHEERFUL—Pkt., 10c; oz., 50c. Light apricot and mauve, on cream ground, beautifully shaded. New.

COUNTESS—Per pkt., 10c; oz., 50c. The original giant flowered Spencer with finest waved standard and wings clear pink,

Alphabetical List of Spencer Sweet Peas for 1922



Spencer Sweet Peas.

deepening somewhat towards the edge, but almost self-colored. Still one of the best Sweet Peas of today.

CONSTANCE HINTON—Decidedly the best black-seeded, white-flowered variety. The flowers are of largest size and come at times with a blush tinge. Pkt., 10c; ½ oz., 55c; oz., \$1.00.

DOBBIES CREAM—Per pkt., 10c; oz., 50c. Deep cream-yellow, exquisite.

DOBBIES GEO. HERBERT, LAVENDER—Per pkt., 10c; oz., 50c. A very clear, bright lavender.

DUPLEX—Per pkt., 10c; oz., 50c. A rich cream pink. Practically all the plants give flowers with double or triple standards.

ELFRIDA PEARSON—Per pkt., 10c; oz., 50c. Giant pale pink on white ground. Plants exceptionally vigorous. Most useful pink for decoration and exhibition.

ENCHANTRESS—Per pkt., 10c; oz., 50c. Bright pink, shading a little deeper at the edges. Practically the same as Countess.

ETTA DYKE—Per pkt., 10c; oz., 50c. Large white.

FIERY CROSS—A wonderful dazzling fiery scarlet, making the vines appear a sheet of waving fire. Undoubtedly the finest red Sweet Pea yet introduced. Does not burn or bleach in the hottest sun, requiring no shading to mature the finest blooms. The flowers are most profusely borne on long stiff stems, in threes and fours, and beautifully waved and curled. Pkt., 15c; ½ oz., 40c; oz., 75c.

FLORENCE MORSE—Per pkt., 10c; oz., 40c. Standard richly flushed with a beautiful and distinct shade of pink; wings soft blush pink, giving the flower a charming appearance; very large and wavy

Spencer Sweet Peas

Are the Largest and Most Beautiful Shades Known

GEO. HERBERT—Per pkt., 10c; oz., 50c. A large Spencer rose crimson, suffused with magenta and showing veins in wings.

HELEN LEWIS—Per pkt., 10c; oz., 60c. A very large and fine orange salmon pink, with especially bright orange standard.

HELEN PIERCE—Per pkt., 10c; oz., 50c. White mottled with blue.

HERCULES—Per pkt., 10c; oz., 50c. A giant clear pink both standard and wings, vigorous vines and fine long stems. Flowers extra large and fine.

ILLUMINATOR—Per pkt., 10c; oz., 50c. A brilliant orange-salmon.

KING EDWARD—Per pkt., 10c; oz., 60c. The best pure red Spencer, very large, with especially immense wings. Every one should grow this variety. Our strain is quite sun-proof.

KING MANUEL—Per pkt., 10c; 50c. Giant maroon.

KING WHITE—Per pkt., 10c; oz., 50c. Finest pure white in existence.

MAUD HOLMES—Per pkt., 10c; oz., 50c. Rich crimson Spencer, fine large flower and quite sun-proof. Practically synonymous with King Edward Spencer.

MRS. HUGH DICKSON—Per pkt., 10c; oz., 50c. The best cream pink Sweet Pea. The color is light salmon pink on cream ground. This variety has exceptional vigor and produces large flowers, four on each stem.

MRS. ROUTZHAN—Per pkt., 10c; oz., 50c. A beautiful blending of straw color, tinted with blush pink and shading to apricot and rose at edges.

MRS. TOWNSEND—Per pkt., 10c; oz., 50c. White ground, edged pale blue, large size and splendid form. Fine for exhibition and garden work.

NEW MIRIAM BEAVER—Per pkt., 10c; oz., 50c. The ladies favorite wherever Sweet Peas are grown. It is the daintiest and most pleasing shade of pink yet introduced.

NUBIAN—Per pkt., 10c; oz., 50c. Beautiful rich deep chocolate, the best maroon. Vines vigorous producing long stout stems, carrying invariably four bold flowers.

OTHELLO—Per pkt., 10c; oz., 50c. Of immense size, with large, drooping wings, rich maroon, very dark and adapted for many attractive combinations. One of the best dark Sweet Peas.

PARADISE IVORY—Per pkt., 10c; oz., 50c. Cream with a suggestion of pink in the newly opened blossoms.

PEACE—Per pkt., 10c; oz., 50c. A beautiful soft pale pink. New.

PRIMROSE—Per pkt., 10c; oz., 50c. The finest of its class, clear primrose, beautifully waved flowers; large and mostly four blossoms on each stem.

QUEEN VICTORIA—Per pkt., 10c; oz., 50c. Opens blush and turns to clear primrose.

ROYAL PURPLE—Per pkt., 10c; oz., 50c. A rich royal purple which holds its color throughout the season.

ROSABELLE—Per pkt., 10c; oz., 60c. Deep rose self with a white blotch at the base of the standard and wings. The flowers are large and substantial.

STIRLING STENT—Per pkt., 10c; oz., 50c. Glorious deep salmon suffused with orange; a beautiful Sweet Pea, especially in artificial light, but must be shaded to get true color.

SUNPROOF CRIMSON—Per pkt., 10c; oz., 50c. A grand crimson Spencer. Flowers very large and nicely waved. Generally carries four blossoms on each stem.

TENNANT—Per pkt., 10c; oz., 50c. A large flowered rosy-purple. Shows a tendency toward magenta.

THE PRESIDENT—Per pkt., 10c; oz., 50c. Glowing scarlet.

THOS. STEVENSON—Per pkt., 10c; oz., 50c. Brilliant orange-scarlet. Flowers splendid form and vines very vigorous.

VERMILLION BRILLIANT—Per pkt., 10c; oz., 50c. A large brilliant scarlet of brilliant form.

VICTORY—Per pkt., 10c; oz., 60c. Deep salmon red.

WEDGEWOOD—Per pkt., 10c; oz., 50c. A clear bright, silvery blue with a faint suggestion of mauve in the standard. The color improves greatly in water, and as flower ages color brightens. Our strain has been pronounced the best blue Spencer, and we are glad to offer it.

WHITE SPENCER—Per pkt., 10c; oz., 60c. The best Spencer white. Flowers very large and magnificent. Spencer waved form. Stems as a rule carry four blossoms.

ZEPHYR—Per pkt., 10c; oz., 50c. This is a delightful shade of light lavender. It might be briefly described as a silvery blue self. A dainty and charming variety.

SPENCER SWEET PEAS MIXED.

A splendid mixture, composed of Giant Waved Spencer varieties, blended in proper proportion of bright colors and including several new hybrids of exquisite colors and shade. The varieties included in this mixture will produce from three to four flowers on a stem.

1/2 oz. 20c; oz. 35c; 1/4 lb. \$1.00; 1/2 lb. \$1.75; lb. \$3.00.

SPECIAL OFFER OF SPENCER SWEET PEAS.

We will send you one 10c package each of the 50 varieties listed (not including novelties or 15c packages) 10c packages only, for \$4.75.

Your choice of any 15 varieties (not including novelties or 15c packages) 10c packages only, for \$1.25.

Our choice of any 15 varieties for \$1.00.

SWEET PEAS

New Giant Early Flowering Spencer

We have great pleasure in offering to our patrons a very complete list of Early Giant flowering Spencer Sweet Peas. Many of our patrons grew them under glass last fall and produced wonderful results. This, however, is not the only reason Sweet Pea growers have worked to produce the large-flowering strain of Sweet Peas to flower early. This new race of Early-flowering Spencer Sweet Peas are particularly adapted to sections where the the Summer-flowering Spencer varieties have not proved satisfactory.

This new class of Sweet Peas is rapidly becoming prominent for winter flowering indoors. The flowers are large, of the same form as the Spencers and are beautifully waved or frilled. They remain in bloom for a much longer time than the Early Flowering Grandiflora sorts. When planted out of door they will commence blooming about three weeks earlier than the later flowering varieties planted at the same time.

The expression **EARLY** before each variety is used so as to avoid these new varieties being confused with the late-flowering varieties.

EARLY ASTA OHN—Pkt., 25c; ½ oz., 75c; oz., \$1.25. Identical in color and size of blossom to the well known late flowering Asta Ohn. A very popular lavender.

EARLY BEAUTY—Pkt., 25c; oz., \$1.00. Dark fiery rose.

EARLY CONGO—Pkt., 25c; ½ oz., \$1.00; oz., \$1.50. We have never had a color approaching this before in the early type. Early Congo is chocolate color. It makes a fine contrast with the lighter pinks and whites. It is just as large and fine as the others in this set.

EARLY HELEN LEWIS—Pkt., 25c; ½ oz., \$1.00; oz., \$1.50. Identical in color and size of blossom to the late-flowering Helen Lewis, being a fine shade of salmon-pink.

EARLY HEATHER BELL—Pkt., 25c; ½ oz., 55c; oz., \$1.00. The color is a rich and pleasing mauve, changing to a beautiful mauve lavender after cutting. Flowers are very large, borne in threes and fours on long stout stems and are of beautiful bold Spencer form.

EARLY HARMONY—Pkt., 25c; oz., 75c. Our giant new lavender, just the color of Asta Ohn in the later varieties. Three or four perfect flowers come on each stem. They are of largest size and are of great beauty.

EARLY LIBERTY—Pkt., 15c; oz., \$1.00. The flowers are large, well waved and are borne in threes and fours. Color rich deep crimson. Vines vigorous and floriferous.

MISS LOUISE GÜDE—Per pkt., 25c; oz., 75c. Brilliant Pink.

EARLY HERCULES—Pkt., 15c; ½ oz., 1.00; oz., \$1.50. A giant flower of finest form. Color is bright rose pink of a very pleasing shade on white ground. Flowers are beautifully waved. Fine new sort.

EARLY MRS. SPANOLIN—Pkt., 25c; ½ oz., 60c; oz., \$1.00. The finest black-seeded white variety.

EARLY MRS. A. A. SKACH—Pkt., 25c; ½ oz., 75c; oz., \$1.25. Fine pink.

EARLY MRS. CHAS. ZVOLANEK—Pkt., 25c; oz., \$1.00. Fine lavender.

EARLY MEADOW LARK—Pkt., 15c; oz., \$1.25. A deep, rich cream Sweet Pea. Many of the flowers are duplex and are well waved.

EARLY MELODY—Pkt., 15c; oz., \$1.00. A deeper shade of pink than Early Song Bird; a good pink closely resembling Countess Spencer. The flowers are borne on long stems and mostly four large, well waved blossoms to each stem.

EARLY MORNING STAR—Pkt., 25c; oz., \$1.00. Quite the most striking in color of the varieties introduced last year. Morning Star is practically the same color as Thomas Stevenson; that is, a deep orange scarlet or flame color in the standard and orange pink in the wings.

EARLY PEACE—Pkt., 25c; oz., \$1.00. A giant cream pink variety. The color is much deeper than spring Maid.

EARLY RED ORCHID—Pkt., 25c; oz., \$1.00. Red.

EARLY SONGSTER—Pkt., 15c; oz., \$1.00. A very pleasing and attractive shade of lavender. The vines are floriferous and the flowers very large and nicely waved.

EARLY SNOW FLAKE—Pkt., 25c; oz., \$1.00. An early flowering white variety of distinctive merit. The blossoms are large, of the best Spencer form and are borne in profusion on long stems. The most desirable Early Flowering White Sweet Pea.

EARLY SPRING MAID—Pkt., 15c; oz., \$1.00. A bright pink on cream ground, color being very similar to that of Mrs. Hugh Dickson. A most attractive variety and like the other Early Flowering Spencers it furnishes a wealth of blossoms borne in threes and fours on long stems.

EARLY SONG BIRD—Pkt., 15c; oz., \$1.00. An excellent pale pink variety which is very desirable for cutting. The flowers are borne on long stems with mostly four large well waved blossoms to each stem.

EARLY TORCH—Pkt., 25c; ½ oz., 75c; oz., \$1.25. An orange scarlet that will not burn in sunlight. It is a wonderful color showing splendidly under artificial light.

EARLY VENUS—Pkt., 25c; oz., \$1.00. Similar in color to Dainty Spencer in the late-flowering variety. Standard white, slightly flushed pink wings.

EARLY WARBLER—Pkt., 15c; oz., 75c. The color is rich mauve purple, somewhat similar to "Tenant Spencer". The flowers are extra large and beautiful in form.

EARLY YARRAWA—Pkt., 15c; oz., 75c. One of the most desirable of the Early Flowering Spencers. Color a bright rose pink with a clear creamy base, the wings being slightly lighter in color. Flowers large, beautifully waved and many of them duplex or double.

EARLY ZVOLANEK'S Blue—Pkt., 25c; oz., \$1.00.

EARLY ZVOLANEK'S Rose dark pink—Pkt., 25c; oz., \$1.00.

EARLY ZVOLANEK'S Red—Pkt., 25c; oz., \$1.00.

EARLY FLOWERING SPENCERS MIXED—Pkt., 15c; oz., 75c; ¼ lb., \$2.00. A choice mixture of the foregoing named Early Flowering Spencer varieties.

Alphabetical List of Grandiflora Sweet Peas

The overshadowing size and beauty of the Spencer Sweet Peas has gradually reduced the demand for most varieties of the Grandiflora types, so that we now offer only a list of these limited to the popular sorts.

	Oz.	¼ lb.	1 lb.
AURORA—Orange rose, striped on white.....	.20	\$.50	\$1.75
AMERICA—White ground flaked and striped with crimson.....	.20	.50	1.75
BLACK KNIGHT—Dark maroon, veined black.....	.20	.50	1.75
BLANCHE FERRY—Bright rose and white.....	.20	.50	1.75
COUNTESS OF RADNOR—Lavender.....	.20	.50	1.75
DOROTHY ECKFORD—Large white.....	.20	.50	1.75
FLORA NORTON—Bright sky blue.....	.20	.50	1.75
HELEN PIERCE—Bright blue mottled with white.....	.20	.50	1.75
KING EDWARD VII—Deep red.....	.20	.50	1.75
LADY G. HAMILTON—Light mauve.....	.20	.50	1.75
LORD NELSON—Deep navy blue.....	.20	.50	1.75
MRS. E. KENYON—Large clear primrose.....	.20	.50	1.75
MRS. WALTER WRIGHT—Rose purple.....	.20	.50	1.75
MISS WILMOTT—Orange pink.....	.20	.50	1.75
OTHELLO—Very dark maroon.....	.20	.50	1.75
PRIMA DONNA—Pure pink, self colored.....	.20	.50	1.75
QUEEN ALEXANDER—Bright scarlet, red, self-colored.....	.20	.50	1.75

SWEET PEAS IN MIXED COLORS.

	Oz.	¼ lb.	1 lb.
PEERLESS MIXED—The best Grandiflora Mixture, colors well proportioned.....	.20	\$.50	\$1.50
LIGHT COLORS MIXED—Our best mixed of all light colors.....	.20	.50	1.75
CUPID MIXED—Low growing, suitable for borders and driveways.....	.25	.75	2.50

LATHYRUS—Everlasting or Perennial Sweet Pea.

A hardy perennial climber. Sow the seed in rich ground early in the Spring, covering one inch deep. Trellis should be provided for the vines to climb. The young plants start slowly but make a strong growth and bear large compact clusters of flowers resembling those of the Sweet Pea but without fragrance, and give profusion of bloom from early Summer until late in the Fall. They die down in Winter but start again from the old roots in the Spring.

Red Pkt., 10c; oz., 60c.

White Pkt., 10c; oz., 60c

Pink pkt., 10c; oz., 60c.

Mixed Pkt., 10c; oz., 60c

TO OUR CUSTOMERS

We issue the following list of Pamphlets and leaflets on the subjects named. They will be found of great value both to the amateur and also the more advanced gardener, and have been compiled by experts in their several lines.

FRUITS—

Strawberries and Bush Fruits.
Standard Fruits.

TREES, ETC.—

Deciduous Trees and Shrubs.
Evergreen Trees and Shrubs.
Lawns—How to Prepare and Care for.
Hardy Climbers.

HARDY FLOWER GARDEN—

Hardy Perennials; Peonies; Iris; Pansies; Violets.

HOUSE AND GARDEN PLANTS—

Ferns; Geraniums; Cyclamen; Dahlias; Sweet Peas; Roses;
Care of House Plants; Palms in the House.

VEGETABLE GARDEN—In General—Mushrooms—Tomatoes.

FARM CROPS—

Alfalfa; Registered Grimm Alfalfa; Corn in Montana; Canada Field Peas; Bromie Grass; Sweet Clover; Crops for Emergency. Flax; Rosen Rye; Sudan Grass; Sugar Beets; Western Rye Grass; Crops for Hog Pastures; Crops for Green Manuring; Soy Beans.

INSECTICIDES—SPECIAL TOOLS, ETC.—

Black Leaf 40; Corona Insecticide Products; Weeders; Planet Jr. Catalogs, etc.

We will be pleased to send any of the above in which you are especially interested—free—on application.

Parcel Post Rate Table

		ZONES									
Weight		Local	1st-2d	3d	4th	5th	6th	7th	8th		
4 ozs. up to	1 lb...	\$0.05	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11	\$0.12		
1 lb & under	2 lbs...	.06	.06	.08	.11	.14	.17	.21	.24		
2 lbs & under	3 lbs...	.06	.07	.10	.15	.20	.25	.31	.36		
3 " " "	4 " " "	.07	.08	.12	.19	.26	.33	.41	.48		
4 " " "	5 " " "	.07	.09	.14	.23	.32	.41	.51	.60		
5 " " "	6 " " "	.08	.10	.16	.27	.38	.49	.61	.72		
6 " " "	7 " " "	.08	.11	.18	.31	.44	.57	.71	.84		
7 " " "	8 " " "	.09	.12	.20	.35	.50	.65	.81	.96		
8 " " "	9 " " "	.09	.13	.22	.39	.56	.73	.91	1.08		
9 " " "	10 " " "	.10	.14	.24	.43	.62	.81	1.01	1.20		
10 " " "	11 " " "	.10	.15	.26	.47	.68	.89	1.11	1.32		
11 " " "	12 " " "	.11	.16	.28	.51	.74	.97	1.21	1.44		
12 " " "	13 " " "	.11	.17	.30	.55	.80	1.05	1.31	1.56		
13 " " "	14 " " "	.12	.18	.32	.59	.86	1.13	1.41	1.68		
14 " " "	15 " " "	.12	.19	.34	.63	.92	1.21	1.51	1.80		
15 " " "	16 " " "	.13	.20	.36	.67	.98	1.29	1.61	1.92		
16 " " "	17 " " "	.13	.21	.38	.71	1.04	1.37	1.71	2.04		
17 " " "	18 " " "	.14	.22	.40	.75	1.10	1.45	1.81	2.16		
18 " " "	19 " " "	.14	.23	.42	.79	1.16	1.53	1.91	2.28		
19 " " "	20 " " "	.15	.24	.44	.83	1.22	1.61	2.01	2.40		
20 " " "	21 " " "	.15	.25	.46	.87	1.28	1.69	2.11	2.52		
21 " " "	22 " " "	.16	.26	.48	.91	1.34	1.77	2.21	2.64		
22 " " "	23 " " "	.16	.27	.50	.95	1.40	1.85	2.31	2.76		
23 " " "	24 " " "	.17	.28	.52	.99	1.46	1.93	2.41	2.88		
24 " " "	25 " " "	.17	.29	.54	1.03	1.52	2.01	2.51	3.00		
25 " " "	26 " " "	.18	.30	.56	1.07	1.58	2.09	2.61	3.12		
26 " " "	27 " " "	.18	.31	.58	1.11	1.64	2.17	2.71	3.24		
27 " " "	28 " " "	.19	.32	.60	1.15	1.70	2.25	2.81	3.36		
28 " " "	29 " " "	.19	.33	.62	1.19	1.76	2.33	2.91	3.48		
29 " " "	30 " " "	.20	.34	.64	1.23	1.82	2.41	3.01	3.60		
30 " " "	31 " " "	.20	.35	.66	1.27	1.88	2.49	3.11	3.72		
31 " " "	32 " " "	.21	.36	.68	1.31	1.94	2.57	3.21	3.84		
32 " " "	33 " " "	.21	.37	.70	1.35	2.00	2.65	3.31	3.96		
33 " " "	34 " " "	.22	.38	.72	1.39	2.06	2.73	3.41	4.08		
34 " " "	35 " " "	.22	.39	.74	1.43	2.12	2.81	3.51	4.20		
35 " " "	36 " " "	.23	.40	.76	1.47	2.18	2.89	3.61	4.32		
36 " " "	37 " " "	.23	.41	.78	1.51	2.24	2.97	3.71	4.44		
37 " " "	38 " " "	.24	.42	.80	1.55	2.30	3.05	3.81	4.56		
38 " " "	39 " " "	.24	.43	.82	1.59	2.36	3.13	3.91	4.68		
39 " " "	40 " " "	.25	.44	.84	1.63	2.42	3.21	4.01	4.80		
40 " " "	41 " " "	.25	.45	.86	1.67	2.48	3.29	4.11	4.92		
41 " " "	42 " " "	.26	.46	.88	1.71	2.54	3.37	4.21	5.04		
42 " " "	43 " " "	.26	.47	.90	1.75	2.60	3.45	4.31	5.16		
43 " " "	44 " " "	.27	.48	.92	1.79	2.66	3.53	4.41	5.28		
44 " " "	45 " " "	.27	.49	.94	1.83	2.72	3.61	4.51	5.40		
45 " " "	46 " " "	.28	.50	.96	1.87	2.78	3.69	4.61	5.52		
46 " " "	47 " " "	.28	.51	.98	1.91	2.84	3.77	4.71	5.64		
47 " " "	48 " " "	.29	.52	1.00	1.95	2.90	3.85	4.81	5.76		
48 " " "	49 " " "	.29	.53	1.02	1.99	2.96	3.93	4.91	5.88		
49 " " "	50 " " "	.30	.54	1.04	2.03	3.02	4.01	5.01	6.00		
50 " " "	51 " " "	.30	.55	1.06							
51 " " "	52 " " "	.31	.56	1.08							
52 " " "	53 " " "	.31	.57	1.10							
53 " " "	54 " " "	.32	.58	1.12							
54 " " "	55 " " "	.32	.59	1.14							
55 " " "	56 " " "	.33	.60	1.16							
56 " " "	57 " " "	.33	.61	1.18							
57 " " "	58 " " "	.34	.62	1.20							
58 " " "	59 " " "	.34	.63	1.22							
59 " " "	60 " " "	.35	.64	1.24							
60 " " "	61 " " "	.35	.65	1.26							
61 " " "	62 " " "	.36	.66	1.28							
62 " " "	63 " " "	.36	.67	1.30							
63 " " "	64 " " "	.37	.68	1.32							
64 " " "	65 " " "	.37	.69	1.34							
65 " " "	66 " " "	.38	.70	1.36							
66 " " "	67 " " "	.38	.71	1.38							
67 " " "	68 " " "	.39	.72	1.40							
68 " " "	69 " " "	.39	.73	1.42							
69 " " "	70 " " "	.40	.74	1.44							

NOTICE.

Within Local Zone and Zones 1, 2 and 3, packages up to 70 pounds in weight are carried. The limit of weight for all other Zones is 50 pounds. Articles measuring more than 7 feet in length and girth combined cannot be shipped by parcel post.

WORTH KNOWING

Long-Stemmed Flowers From Seed Suitable for Bouquets or Vases.

Aquilegia	Dahlias	Mignonette
Asters	Delphinium—H. P.	Poppy
Calliopsis	Dianthus	Salpiglossis
Carnation	Gaillardia	Scabiosa
Centaurea	Gypsophila—H. P.	Stocks
Chrysanthemum—H. P.	Larkspur—H. P.	Sunflowers
Coreopsis	Lupinus	Sweet Peas
Cosmos	Marigold	Zinnias

Fragrant Flowers from Seed.

Varieties Marked H. P. are Hardy Perennial.

Abronia	Lavender—H. P.	Scabiosa
Alyssum	Mathiola	Stocks
Carnations	Mignonette	Sweet Peas
Dianthus—H. P.	Mimulus	Sweet William—H. P.
Geranium	Nicotiana	Wallflower
Heliotrope	Pinks—H. P.	

Ornamental Foliage Plants Grown from Seeds.

Amaranthus	Coleus	Pyrethrum
Centaurea	Kochia	Aureum
	Marvel of Peru	Ricinus

Drooping Plants for Vases, Hanging Baskets, Etc.

Alyssum	Nasturtium, Tall	Petunia
Asparagus	Oxalis	Vinca
Sprenger	Calendula	

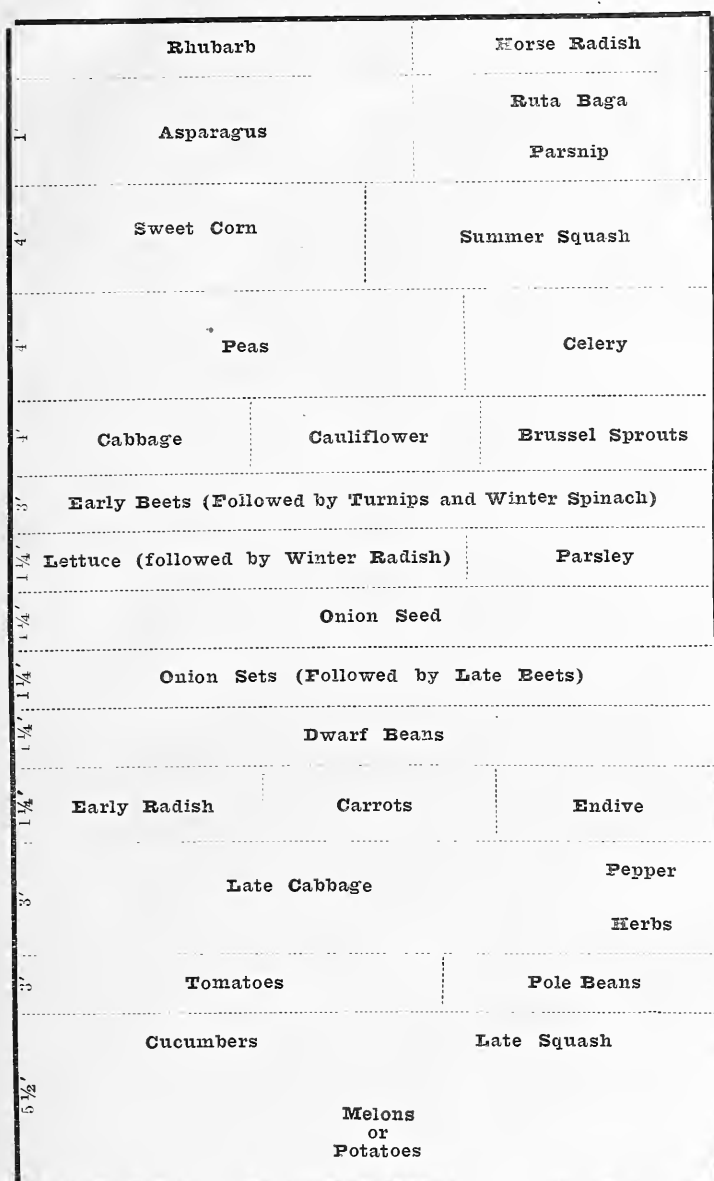
FARMERS READY REFERENCE BOOK—The most complete farm book on the market. Every department of farm life covered in detail by experts. Each (Postpaid), 15c, while the supply on hand lasts. Well worth several times its cost.

NATIONAL COOK BOOK—A manual of Good Recipes, carefully chosen from the contributions of over two thousand successful cooks and chefs in this and foreign countries, also useful notes on the various classes of good things to eat. All of which have been carefully checked and re-checked by competent authority. Special attention has been given to Bread and Pastry Making and the various dainties dear to good cooks. Each (Postpaid), 15c, while the supply on hand lasts. In every respect the equal of any book of its kind ever published.

SPECIAL FOR THE FARMER—A set of 20 varieties of Farm Seeds, Alfalfa, Clovers, Millets, Grass Seeds, etc., mounted under glass, with seeding table accompanying. A most useful outfit for the farmer desiring to know seeds and to have the means of identification on hand. Price, (Postpaid), 25c.

PLAN FOR HOME GARDEN

WHERE SPACE IS LIMITED



For the convenience of those who have only a limited space, the accompanying plan is suggested as an aid in laying out a small garden.

Where the rows are made the distances apart indicated on this diagram, thirty-five feet are required in one direction. If the rows are to run east and west, it is desirable to have the corn at the north end, otherwise the corn is likely to shade the rows near it on the north side. The rows may be as long as space permits or individual preferences may call for, and where space is less limited, more rows of favorite sorts may be added or provision made for other vegetables or flowers that may be desired.

Every garden should have its flowers. Plant a few Sweet Peas—Nasturtiums, Tall or Dwarf.

Our mixed varieties of Asters, Pansies, Petunias, Phlox, Poppies, Morning Glory, Marigolds, Mignonette, Verbenas and Zinnias are easily grown. A few packets of flower seeds will give you an abundance of beauty and pleasure. **Make the garden beautiful.**

THE FLOWER AND VEGETABLE GARDEN

HOW ABOUT IT? MAKE YOUR GARDEN WORK SPRING—SUMMER—FALL

Beautiful Flowers and Bountiful Vegetables

We wish you every success with your garden, and we are wondering if you have planned to make your garden work to full capacity.

It is a moral trait in human nature to love to "grow things." Beautiful blossoms, good vegetables, and beautiful flowers, shrubs, etc. But what is a home no matter how attractive unless the vegetable garden is attractive and well planted? You have but one chance each season, make the most of it. Gardening gives pleasure, not only in the work, but in the producing of nice, crisp, fresh vegetables for the family table. No vegetables ever come to the table like those gathered fresh from the home garden. Gardening is profitable because better health is assured by the exercise in the open air and the use of more vegetables in the diet. Let us not forget that the call for food production is as urgent now as ever before. Nearly all seeds have reached pre-war prices, and some are even lower, therefore no increase in the cost of your garden. Show your neighbors what you can produce. Make them envious. Make your garden talk of the neighborhood. The air, the rain and the sunshine are free to everyone. Therefore it is our duty to plant every fertile spot that can be tilled, for no food production is so quickly possible as that of planting garden seeds. Some will mature in a month and others will follow each succeeding week. A space 50x50, if properly planned and cared for, will produce far more vegetables than the average family can consume. Beets, cabbage, carrots, celery, onions, parsnips, potatoes, salsify, turnips, etc., can be grown and stored for winter use. The vegetables you can produce on 50x50, if purchased in the market, would exceed \$60 to \$100 in cost. Therefore the cost of the family's food can be reduced by having a supply of vegetables of various varieties at hand regardless of market conditions which is something that can not be measured in dollars and cents. Many people think that all planting must be done during Spring months. "That is not true." For certain varieties, and for some few varieties which require an especially long season, early planting is necessary, but for the great majority of vegetables "Succession" sowing may be made throughout the Summer and early Fall. When vegetables are desired for canning, drying and storing it is better to sow late so that crops will mature later and thus keep longer. The greatest profit and pleasure in a garden is obtained by successive plantings. **Plan early—order early. Do not delay until the Spring rush is on. It would be wise for you to order now. Send us your order today.**

BE FORE-HANDED. GROW YOUR OWN FOOD

SEED COLLECTIONS

THESE COLLECTIONS AT SPECIAL RATES, ARE PACKED BEFORE THE OPENING OF THE SEASON AND CANNOT BE CHANGED IN ANY WAY. WE PREPAY THE POSTAGE ON ALL COLLECTIONS.

S. N. & S. CO.'S SCHOOL GIRLS' FLOWER SEED COLLECTION

Secure this collection for your daughters to encourage them to take an interest in the garden and make the home beautiful.

- | | |
|-----------------------------|---------------------------|
| 1 Pkt. Asters Finest Mixed. | 1 Pkt. Mignonette Sweet. |
| 1 Pkt. Calliopsis. | 1 Pkt. Nasturtiums Mixed. |
| 1 Pkt. California Poppy. | 1 Pkt. Pansy. |
| 1 Pkt. Marigold. | 1 Pkt. Sweet Peas. |

ALL FOR
25c
POSTPAID

SECURE THIS

ALL FOR
25c
POSTPAID

S. N. & S. CO.'S SCHOOL BOYS' VEGETABLE COLLECTION

Secure this collection for your sons. Give them a garden of their own and watch the interest they will take; encourage them.

- | | |
|------------------------------|--------------------------------|
| 1 Pkt. Beet Early Round Red. | 1 Pkt. Lettuce Loose Leaf. |
| 1 Pkt. Beans Yellow Wax. | 1 Pkt. Onion Red. |
| 1 Pkt. Cabbage Early. | 1 Pkt. Peas Early. |
| 1 Pkt. Carrot Early. | 1 Pkt. Radish Early Round Red. |

All for 25c Postpaid

PLANT A GARDEN

Why Not Grow Your Own
Vegetables?

Why not have a Vegetable Garden of your own? It will repay the expense many times over. Provide for yourself and have a surplus for the market if possible, by securing one of our flower and vegetable collections. Fresh vegetables direct from your own garden to your table.

Stop paying out so much money for so little food—stop being so dependent—become independent of outside sources of supply.

We handle a complete line of Planet Jr. Seeders and Cultivators also Barker Weeder Mulcher and Cultivator. Also a complete line of garden tools for the garden. See last pages of Catalog.

S. N. & S. CO.'S GARDEN BEAUTIFUL COLLECTION

- | | |
|-----------------------------|--------------------------|
| 1 Pkt. Asters Finest Mixed. | 1 Pkt. Marigold Mixed. |
| 1 Pkt. Ageratum. | 1 Pkt. Mignonette |
| 1 Pkt. Alyssum. | 1 Pkt. Nigella. |
| 1 Pkt. Balsam. | 1 Pkt. Poppy Mixed. |
| 1 Pkt. Candytuft. | 1 Pkt. Phlox Mixed. |
| 1 Pkt. Morning Glory. | 1 Pkt. Nasturtium Mixed. |
| 1 Pkt. California Poppy. | 1 Pkt. Pansy Mixed. |
| 1 Oz. Sweet Peas Mixed. | |

The above collection will give you a continuous show of beautiful flowers from early spring until late fall.

50c

Postpaid

50c

S. N. & S. CO.'S CITY GARDEN COLLECTION

- | | |
|--------------------------------|--------------------------------|
| 1 Pkt. Beans Early Yellow Wax. | 1 Pkt. Lettuce Loose Leaf. |
| 1 Pkt. Beans Early Green Pod. | 1 Pkt. Onion Red. |
| 1 Pkt. Beet Early Round Red. | 1 Pkt. Parsnip. |
| 1 Pkt. Cabbage Early. | 1 Pkt. Peas Early. |
| 1 Pkt. Carrot Early. | 1 Pkt. Peas Medium. |
| 1 Pkt. Corn Sweet Early. | 1 Pkt. Radish Early Round Red. |
| 1 Pkt. Cucumber Early. | 1 Pkt. Radish Long. |
| | 1 Pkt. Tomato Early. |
| | 1 Pkt. Turnip Early. |

16 Large Size Packets for only 50c Postpaid.

50c Postpaid

S. N. & S. CO.'S FARM GARDEN COLLECTION FOR \$1.50

- | | |
|-------------------------------|--------------------------------------|
| 1 Pkt. Beet Early Round Red. | 1 Pkt. Musk Melon Early. |
| ½ Pt. Beans Early Yellow Wax. | 1 Pkt. Onion Red. |
| ½ Pt. Beans Green Pod. | 1 Pkt. Onion Yellow. |
| 1 Pkt. Cabbage Early. | 1 Pkt. Parsnip. |
| 1 Pkt. Carrot Early. | 1 Pkt. Parsley. |
| 1 Pkt. Carrot Medium. | ½ Pt. Peas Early Dwarf. |
| ½ Pt. Corn Sweet Early. | ½ Pt. Peas Medium. |
| 1 Pkt. Cucumber Early. | 1 Pkt. Radish Early Round Red. |
| 1 Pkt. Cauliflower. | 1 Pkt. Radish Long. |
| 1 Pkt. Lettuce Loose Leaf. | 1 Pkt. Turnip Early. |
| 1 Pkt. Lettuce Head. | 1 Pkt. Tomato Early. |
| | 1 Pkt. Rutabaga American Purple Top. |

This Collection of Twenty-three Large Size Packets and ½ Pints. Sufficient for a family garden. All for \$1.50 postpaid. THINK OF IT.

General List of Vegetable Seeds

VEGETABLE GARDEN TIME TABLE FOR PLANTING SEEDS
From Practical Experience.

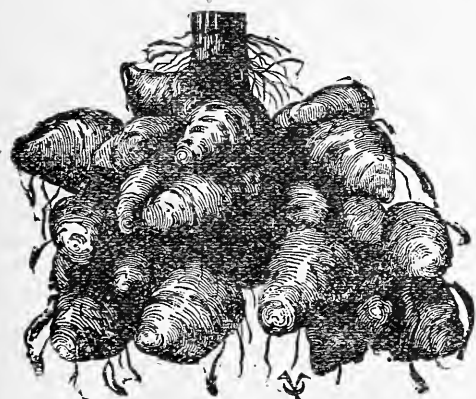
Asparagus March to June
Beans (All varieties)..... May
Beets (Table varieties)..... April to May
Beets (Stock) May
Broccoli (Hot Bed)..... March
Brussels Sprouts (Hot Bed)..... March
Cabbage (Early varieties, hot bed)..... March
Cabbage (Late varieties, hot bed)..... April
Cabbage (Late, in open)..... May
Carrots (Table varieties)..... April and May
Carrots (Stock) May
Cauliflower (Hot bed)..... March
Celery (Early, hot bed)..... March
Celery (Late, hot bed)..... April
Chervil..... May to July

Cress (Pepper Grass)..... May to July
Cress (Water)..... May to July
Corn..... May 10 to 20
Cucumbers May
Endive..... April to July
Kohl Rabi..... May and June
Kale May
Lettuce..... April to May
Leek May
Melon (Water) May
Melon (Musk)..... May
Onion Sets..... March and April
Onion Seed..... April and May
Onion Seed (to winter)..... July and August
Parsnip April
Parsley May
Peas April to June

Pepper (Hot bed)..... March
Potatoes May
Pumpkin May
Radish April to July
Rhubarb..... May to July
Salsify..... April and May
Spinach..... April to August
Squash May
Sunflower..... April to May
Turnip..... April to May
Tomato (Hot bed)..... March
Rutabaga..... May to June

This table is for general use in Montana and has been compiled after much experience in vegetable gardening. This will apply to Idaho, Dakota and Wyoming, also.

ARTICHOKES



JERUSALEM ARTICHOKE.

3 lbs. per 100 feet of row.

Most valuable food for hogs that can be grown. Every hog raiser should plant them. They are not only very healthful, but as a fattening agent are unexcelled. They yield very heavily. 300 to 350 bushels to the acre being realized on good soil. It is not necessary to dig them for if given an opportunity, the hogs will help themselves.

Artichokes need planting but once, and little or no culture after the first year. Cut as potatoes, only smaller; plant in rows three and one-half feet apart. Plow deep, plant shallow, say two inches. The second year, break up the ground as for corn, they will come up thickly all over the surface. Those wishing to purchase should place orders early.

For Prices on
Artichokes and all
other items not
quoted—see red
insert—Page 80.

ASPARAGUS

1 oz., 100 feet of drill.

Ger.—Spargel.

Scand.—Asparges

Sow early in the spring in drills 2 inches deep and 12 inches apart if to be cultivated by hand. One ounce of seed will make about 500 plants. When the plants are one or two years old transplant to rows 5 feet apart, and 18 inches apart in the row. Cover the soil 4 to 5 inches deep with well rotted manure and disc well—then plow as deep as possible and fine with harrow. Turn furrows 5 feet apart, about 6 inches deep. Place plants in these about 18 inches apart, with roots well spread out. Turn a light furrow back over them and level with the harrow by cross harrowing.

ASPARAGUS—(Conover's Colossal)—The favorite in our western market, having a pink tinge, and very fine flavor, of vigorous growth, none better.

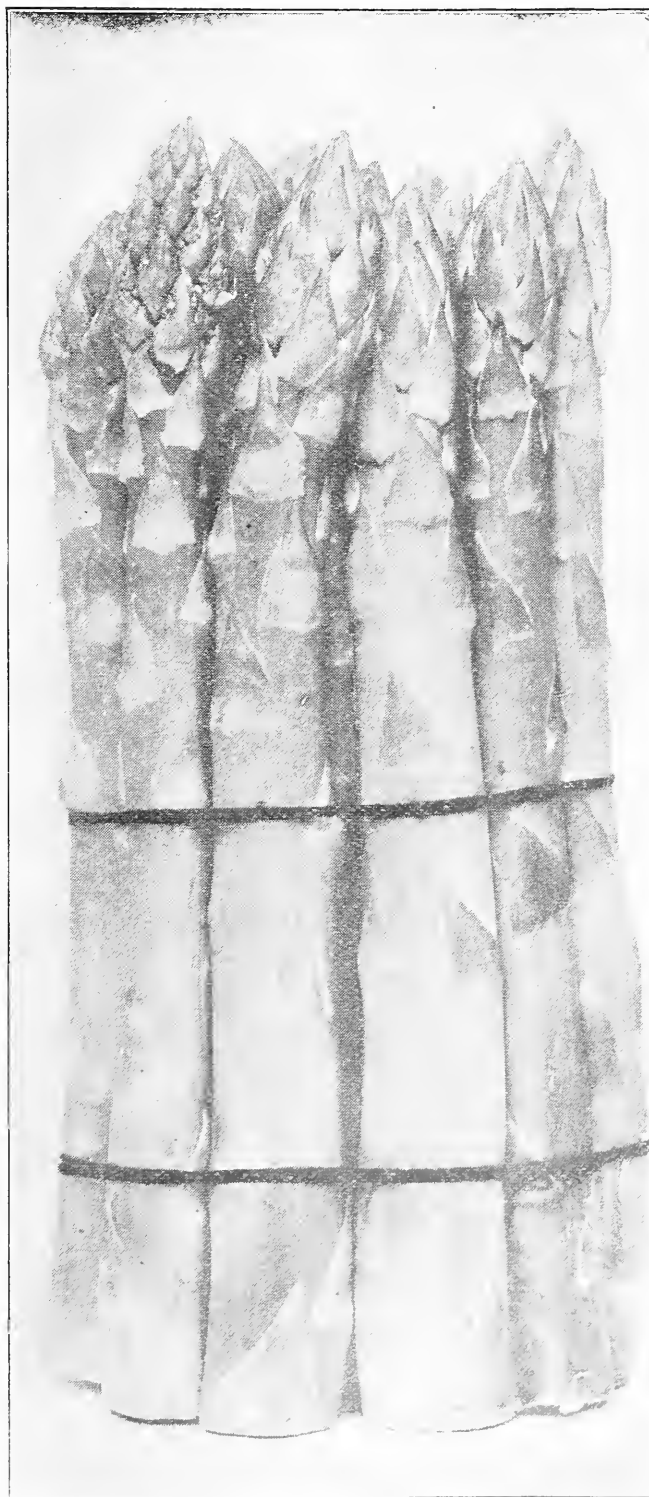
ASPARAGUS—(Palmetto)—The plants are strong and vigorous in growth, producing large, thick, dark green shoots, with a distinctly pointed head or tip.

ASPARAGUS—(Bonvallet's Giant)—A year ahead of other varieties. The quickest yielding, heaviest producing, finest quality and most disease resisting of any variety. Market gardeners are discarding other well known sorts in favor of this variety.



ASPARAGUS KNIFE—(American)—This Asparagus knife is made of the best steel, cutting edges are hardened and tempered to stand rough usage. Used also as digger and weeder for long tap-rooted weeds such as Dandelions.

Each, 65c; Postpaid75c



ASPARAGUS

Inoculate this
Seed with
FARMOCERM.

BEANS

Inoculate this
Seed with
FARMOCERM.

Ger.—Bohnen.

Scand.—Boennea

(2 lbs. to 100 feet in drill, or 150 hills; 120 lbs. to the acre, in drills.)

(1 lb. is a little more than a pint. 2 lbs. is a little more than a quart.)

Beans require a light friable, soil, with plenty of moisture. In the garden, the soil should be made mellow and rich, and kept so. All pole varieties should be provided with poles as a trellis on which to climb. For a garden crop, a succession of sowing can be made from the first week in May until the middle of June. Sow in rows 18 to 24 inches apart and cover from 1 to 2 inches deep, but not more. Keep the pods picked and the vines well watered and the beans will continue bearing much longer than if allowed to dry up. Hoe the rows occasionally. For farm crop, plant about 25 pounds per acre in rows 36 inches apart. Heavy clay or adobe soils are not suitable for beans.

SEE RED INSERT PAGE 80 FOR PRICES ON BEANS.

DWARF OR BUSH, WAX OR YELLOW PODDED VARIETIES



Improved Golden Wax.

YELLOW PODDED VARIETIES

Improved Golden Wax—Probably the best known of all Wax Beans; it is the ideal Wax Bean; very prolific. Thick fleshed and stringless.

Davis' White Wax—This is also called the Davis' White Kidney Wax. It is a well known market sort much used for shipping. The plants are very hardy and productive, and the variety is very desirable where a handsome wax-podded white seeded intermediate sort is wanted. The plants are very vigorous. The pods are remarkably long, about six inches, sometimes longer. They are handsome, light yellow, straight, very attractive, and when young are crisp and tender. The dry beans are excellent for baking. Seed medium large, clear white and kidney shaped.

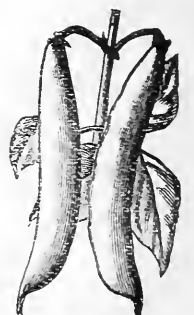


Improved Black Wax.

Improved Black Wax—This very handsome black wax sort is medium early, fairly hardy and productive. It is one of the very best sorts for home use and for near markets where highest quality is desired. The plants are strong growing with roughened leaves. The pods are long, five and one-half to six inches, straight, round, fleshy and of a bright yellow color. They are tender, absolutely stringless and are produced through a long season.

Currie's Rust Proof Black Wax—A very early, beautiful Wax Bean, bearing an abundance of crisp, tender, stringless pods, flat, long, meaty. It is absolutely rustproof, at least we have never seen any beans of this variety that were affected with rust. The vine is hardy and vigorous. The beans, when ripe are bluish-black and kidney shaped. An excellent shipper.

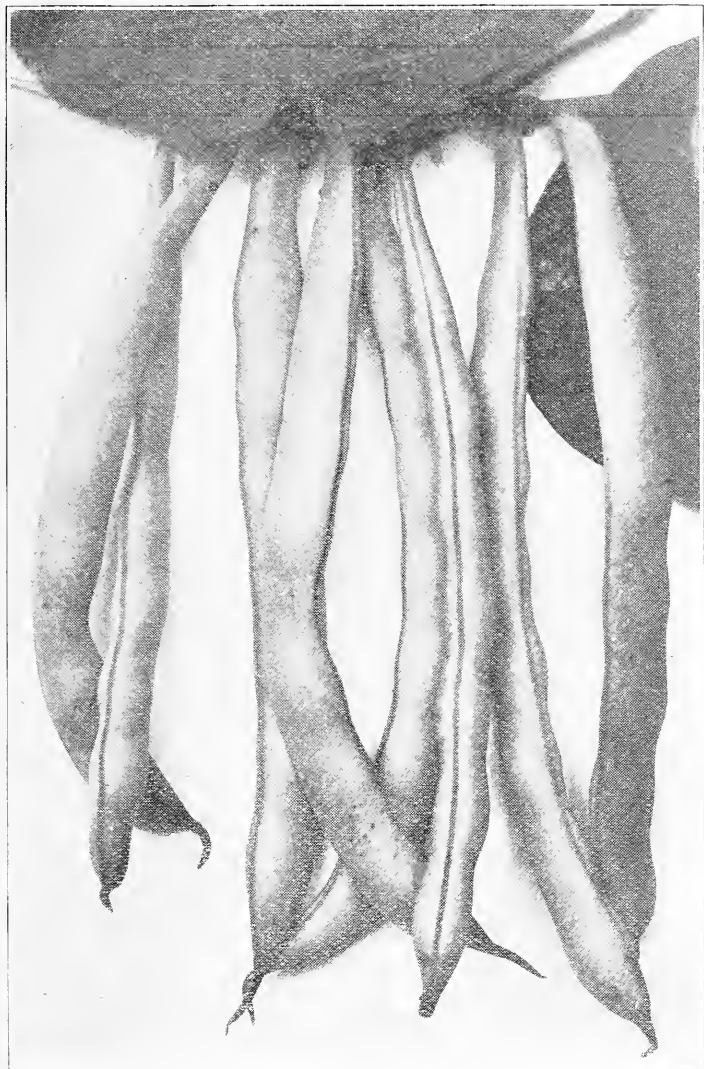
Wardwell's Kidney Wax—In western prairie soil this sort is at its best, and gives most gratifying results. The pods are 7 inches long, flat, brittle, stringless, straight, finely shaped, a beautiful yellow, distinct and attractive; they make delicious eating. A good yielder; good in the home garden, and profitable for the market.



Currie's Rust-
Proof Black Wax.

BEANS

Dwarf or Bush, Green Podded Varieties

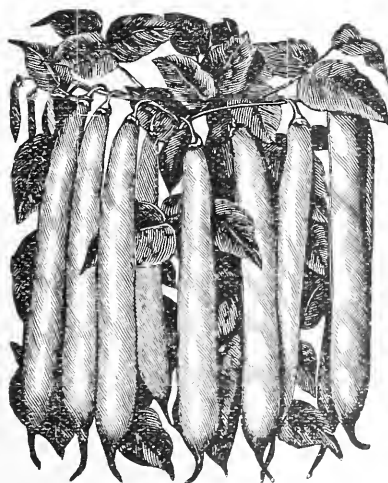


Long Yellow Six Weeks.

Long Yellow Six Weeks—Are large, vigorous, erect and very productive. The leaves are large. The pods are long, about six inches, straight, flat, handsome, rather light green and when young are of a good quality for snaps. Seed medium sized, long, kidney shaped light yellow with small brownish circle about the eye. This is early maturing and a fine shipper. It is much used for the home garden and market.

Early Red Valentine—Is very hardy and early, germinates in cold ground where other sorts would not. Vines are about 15 inches high, yield well; pods are round and fleshy and eaten when young are of good quality. The demand for a hardy, early bean of good quality has established a reputation for this excellent sort. For market garden and home use it is an easy winner.

Late Refugee or 1000 to 1—A very productive bean, exceedingly tender and of most excellent flavor. Pods are long, cylindrical light green and of good quality; mid-season and late use and excellent for pickling.



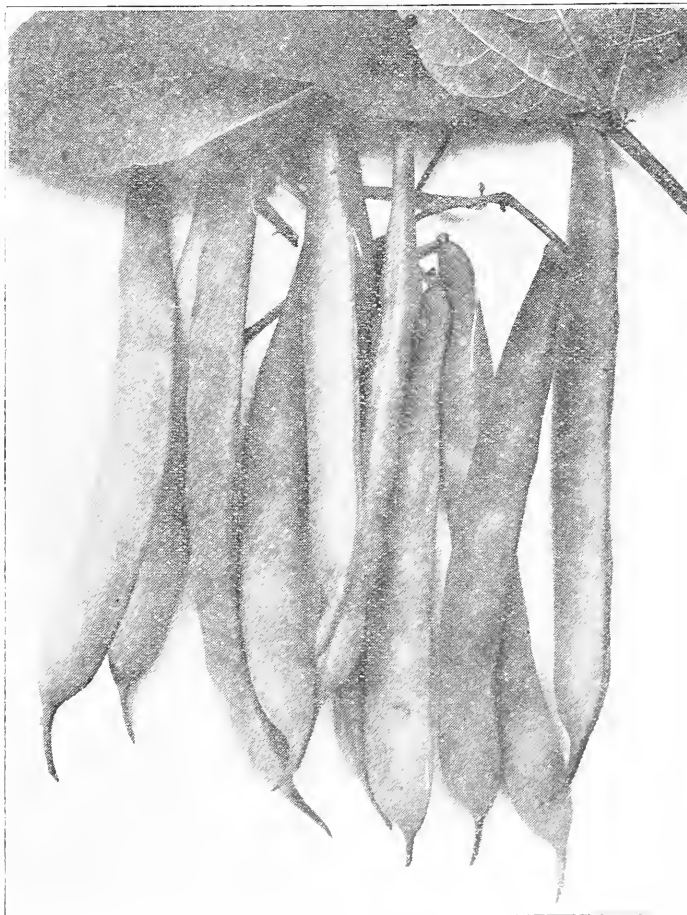
Beans (Late Refugee)



Bountiful.

Bountiful — This excellent dwarf, green podded sort is similar in appearance to Early Yellow Six Weeks but is of much better quality. The vines are vigorous and productive. The pods are very long, six to seven inches, straight, broad flat, light green, of handsome appearance and absolutely stringless for snaps. They are tender and brittle much longer than most sorts. The pods are longer, broader and have much longer tips than those of Long Yellow Six Weeks. Seed medium sized, kidney shaped, light yellow with brownish circle about eye. Bountiful is a most desirable early sort for snaps for the home garden.

SEE RED INSERT—PAGE 80— FOR PRICES ON BEANS.



Stringless Green Pod.

Stringless Green Pod—An early variety, with long pale green pods. Keeps tender for a long time after reaching maturity.

FELTHAM PROLIFIC

"The Greatest Producer yet Introduced."

"A Marvel of Productiveness."

This new Dwarf Green Bean is one of the heaviest croppers yet introduced. It produces a mass of medium sized, rich green fleshy pods which are very crisp, and stringless. As the seed is small they do not quickly show through the pods. This is a great advantage as many other good varieties age so quickly that they are useless if allowed to go a day or two too long. "Feltham Prolific" is dwarf with dark green foliage and remarkably quick in growth. A test of $\frac{1}{4}$ lb. of seed in Montana yielded 10 Lbs. of dried beans. Try this sweet and delicious bean. They are really wonderful.

Pkt., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 35c; 1 lb. 60c; 5 lbs., 2.50, postpaid.

10 lbs. or more at 40c per lb., by express or freight.

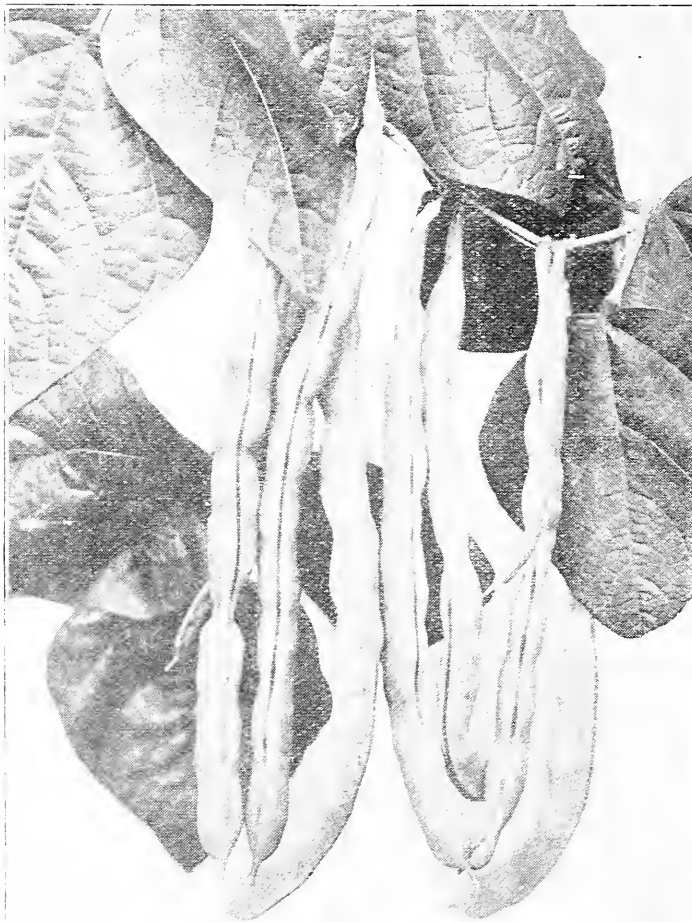
For Prices on Beans See Red Insert—Page 80

Dwarf Bush Lima Beans



Feltham Prolific.

BEANS—Pole or Running.



Kentucky Wonder.

Kentucky Wonder or Old Homestead—An enormously productive variety; entirely stringless, large tender pods; best pole bean for market gardeners.

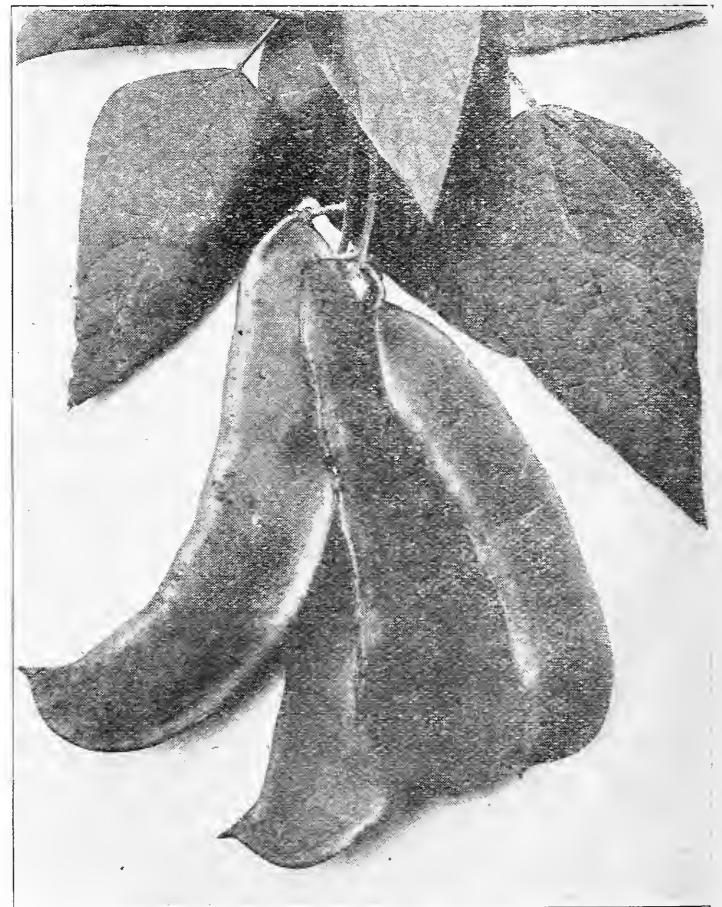
Scarlet Runner—An English bean of great merit; very tender and sweet; also grown as ornamental flowering vine for trellises.

Lazy Wife—Immensely popular, pods medium dark green color, from $4\frac{1}{2}$ to 6 inches long; very fleshy and stringless when ripe; an excellent shell bean.

Fordhook Bush Lima—A vigorous and erect growing type. The pods are of a medium green color, and contain three to five beans of exceptionally fine quality. Very productive, and matures early. Very popular for both home and market use.

Burpee's Bush Lima—Large white; is the earliest Lima Bean in cultivation; a great favorite for the family garden.

Broad Windsor—This bean is very hardy, and should be planted as soon as the soil is in good state in the spring. Plant four inches apart and 2 inches deep in drills three feet apart, to insure well filled pods, pinch off the tops as soon as pods begin to set.



Fordhook Bush Lima.
For Field Beans See Next Page.

FIELD BEANS

Great Northern Navy—This variety seems to be especially adapted to Montana soil and climate, and is being grown in increasing quantity each season. In our opinion it leads all other varieties of Navy Beans—when the real test comes—at the table. Its flavor and tenderness as a baked bean are "par excellence." Sow 16 to 24 lbs. to the acre.

Improved White Navy—The result of years of careful growing and selecting. Far superior in both quality and productiveness to the common sorts. The vine is of medium size, erect, bearing a profusion of long pods well up from the ground. The dry beans are small, pure white and of fine appearance.

BROCCOLI

¼ oz. to 100 feet of drill. 2 to 3 oz. to the acre.

Ger. Sparckohl.

Scand. Broccoli-kaal.

(One ounce will produce about 3,000 plants.)

Sow the first week in May in drills 3 to 4 inches apart, covering seeds lightly. When the leaves are about three inches broad, transplant to prepared beds 2 feet apart each way. Much resembles Cauliflower, cultivation the same.

BROCCOLI—(Snow White)—Pure white color; heads medium size, close and compact.

TABLE BEETS

EAT WHEN YOUNG DIRECT FROM YOUR OWN GARDEN.

For Prices on Beets See Red Insert Page 80.

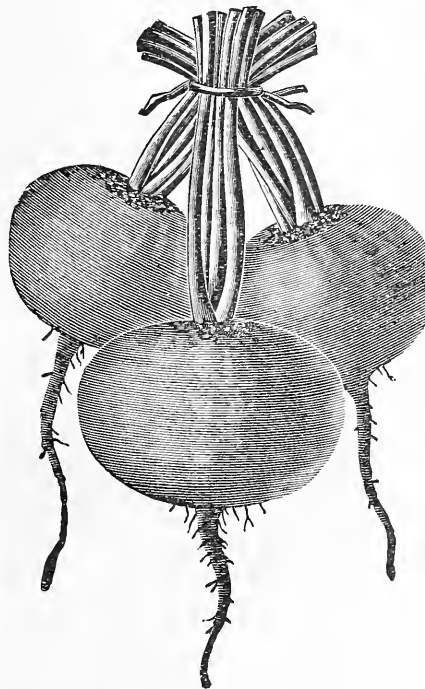
Ger. Rube.

Scand. Rodebede.

HOW TO PLANT—The soil should be rich and deeply plowed, say 8 to 10 inches. Sow in rows from 14 to 20 inches apart and about 1 to 1½ inches deep. Sow 5 to 6 pounds of seed to the acre in drills and fifteen to twenty pounds of seed to the acre broadcast. As soon as the plants have the fifth and sixth leaf, thin to one plant each 8 inches. If under irrigation, water as soon as thinned. Cultivate often and do not water again until absolutely necessary, as the soil will dry from the surface down and the tap roots will follow. Careful tests have proven that one cultivation a week will give the best results. Keep clean and remember that cultivation is the next thing necessary after the best seeds and the two are necessary for success.

(One ounce to 100 feet of drill, 5 to 6 lbs. per acre, in drills. 15 to 20 lbs. to the acre broadcast)

Crimson Globe—Beets may come and Beets may go, but still the Crimson Globe retains its position as the best Beet for the market gardener, as well as for the private garden. It is very symmetrical, with small tap root, and but few fibrous roots, color outside is deep blood-red; inside layers of blood red, light grained and unsurpassed in quality. One sowing only is necessary to produce early beets for market and main crop for winter use.

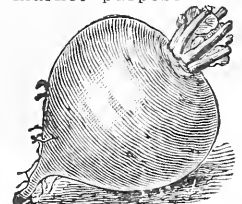


Beet—Early Blood Turnip.

Detroit Dark Red Turnip—One of the best early Beets either for table or market; small top, early maturing, splendid shape and color, very crisp, tender and sweet.

BEET—(Market Gardeners)—See **Crimson Globe**.

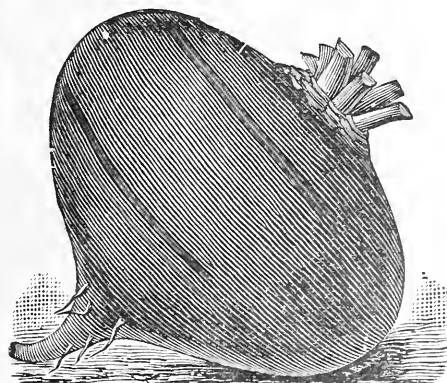
Early Blood Turnip—An old standby; good for early or late planting. Of fine form, good flavor red color. Very desirable for home or market purposes.



Early Eclipse—A fine table beet, globe shaped, flesh dark red zoned with pink. Sweet, crisp and tender, especially when young.

Extra Early Egyptian

—The best variety for forcing and early first crop. Turnip shaped with dark red flesh and small tops. A splendid table beet and very early.

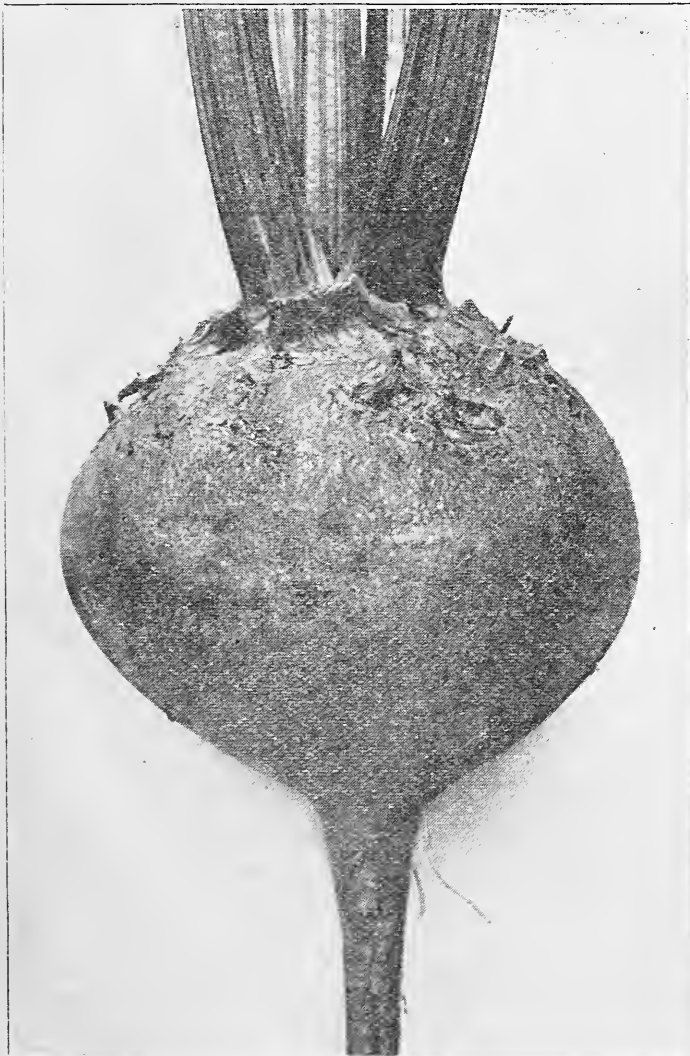


Extra Early Egyptian.

Half Long Blood—An excellent main crop beet. A great favorite as a table or field sort. Roots deep red in color and always symmetrical and smooth. In quality it is sweet, crisp and tender, and is an enormous crop-

per and a reliable winter keeper. It is a heavy beet without being hard to pull. It never becomes woody and is always good for table use or stock food, whether pulled young or old.

Long Smooth Blood—A very desirable variety for light soils where roots are easy to dig. Roots are slender, seldom more than two inches through, rather late, and are excellent winter keepers.



Beet—(Crimson Globe.)

SUGAR BEETS

For Sugar Making

5 to 6 pounds per acre in drills. 15 to 20 pounds per acre broadcast.

Sugar Beets are not as heavy yielders as the Mangels' but are of superior quality containing a large amount of sugar. They are excellent for feeding cows, improving wonderfully the quantity and quality of the milk. Sugar Beets require deep, well enriched soil. The seed should be sown in drills 2 to 2½ feet apart, and covered 1 to 1½ inches deep, any time during April, May or June. Thin the plants carefully to stand 8 inches apart in the row. They are easily stored in outdoor pits, covered with straw and soil. These and Mangels can be profitably grown on grain lands where summer fallowing is practiced. Any crop such as Beans, Corn, Beets, etc., which require cultivation, keeps the weeds down and leave the soil in better condition to produce the grain crop to follow.



Sugar Beet—
Vilmorin's Improved.

Klein's Wanzlebener—Has rather long slender root, very rich in sugar; will yield under average conditions, 16 tons to the acre. All stock men know that sugar makes fat, and will realize its value as a stock food.

Vilmorin's Improved—This French variety is popular with sugar beet growers; contains a large percentage of sugar and requires less water than others.

HALF SUGAR AND HALF MANGEL

For Stock Feeding

The ground should be thoroughly prepared and made firm and mellow, same as for Mangels. Seeding and cultivation should be continued in much the same manner except that they should be thinned out 6 to 8 inches in the row. The Giant Feeding Sugar Beets or Half Sugar Mangels are especially valuable for feeding stock as they give a feed of much greater nutritive value than Mangels.

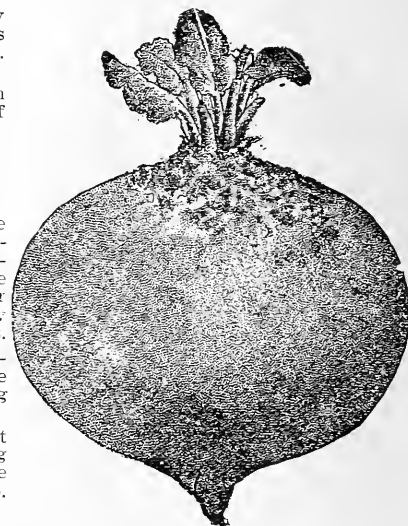
Giant Feeding or Half Sugar White Mangel—The most valuable of all for stock feeding, very heavy yielder, the favorite with stock feeders, very easily pulled, growing half out of the ground. White flesh, green top.

Giant Feeding or Half Sugar Rose Mangel—A magnificent sort, growing at least half out of the ground, rendering the crop easy to gather. Skin of the upper part is rose colored, and the lower part white. Flesh white, rose top.

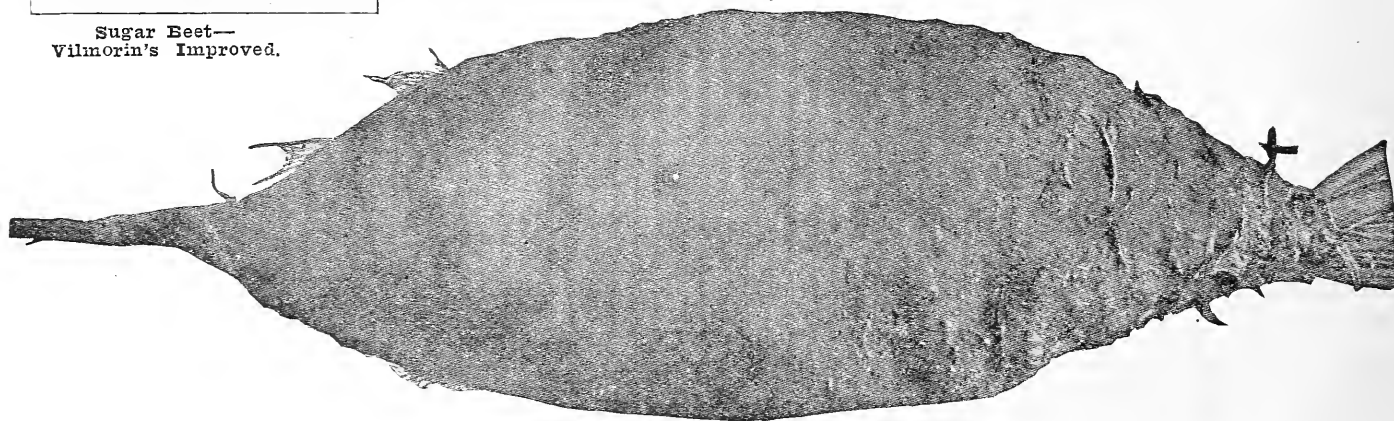
MANGEL WURZEL

5 or 6 lbs. to the acre.

An ever increasing acreage is being planted for stock feeding purposes, because of the wonderful results obtained from feeding them. Root crops are a great necessity for all kinds of stock, also chickens. Root feeding not only gives high class tissue building substance to the body, but acts as a tonic keeping the digestive organs in a healthy condition. Root crops should be regularly fed to all stock. Results will show not only in appearance, but also in their increased weight, and in dairy stock will enrich and increase the flow of milk. The ground should be thoroughly prepared, and made firm and mellow. Sow in April and May in drills 2 or 3 feet apart. When 4 to 5 inches high thin to 12 to 15 inches apart. Harvest before frost and cut the tops off; by so doing danger of heating is avoided. Store in pits or cellars. If you have never grown these roots a trial will convince you of their value.



Mangel Wurzel—Yellow Globe.



Mangel Wurzel—Mammoth Long Red.

Giant Red Eckendorf—A very popular variety grown in European countries where root crops are grown on a very large scale. The roots are smooth, long and cylindrical in shape, very much like the tankard mangels. They are very heavy, weighing from 15 to 20 pounds each. The flesh is firm, crisp and solid, white in color and of high feeding value. This variety is easily harvested, growing half above ground.

Danish Sludstrup—Is considered the best of all Mangels, having been awarded first class certificate. In color it is reddish-yellow and of a distinct type. It contains the largest per cent of nutriment found in any sort. It is very hardy, grows well above ground and is easily pulled.

Mammoth Long Red—Immense yielder; very large, skin dark red; A favorite with the farmers and dairymen. Very nutritious.

Golden Tankard—Very fine grained yellow flesh, rich in milk producing qualities. Especially relished by sheep and cows.

Yellow Globe—An especially good variety to grow if one has a limited supply of water; a great favorite for dairymen, making a wonderful increase in milk; easy to pull and harvest; tops are small.

Red Leviathan—Makes a large, magnificent root, growing half above ground and easily lifted; an enormous cropper and good keeper. It is of even shape, with smooth skin. Flesh firm and sweet.

For Prices on all Vegetable Seeds not quoted—see Red Insert—Page 80.



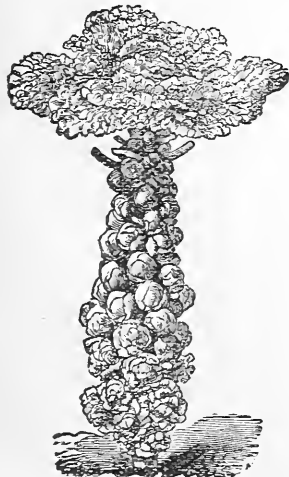
SWISS CHARD

Ger.—Briskohl. 2 oz. to 100 feet of drill. Scand.—Bladbed.

SWISS CHARD—(Or Sea Kale Beet)—Although little known in America, this vegetable is worthy of a place in every garden. The leaf and the leaf stem are the parts used and they are much superior to those of other beets to use as greens. Later in the season the broad, flat beautiful wax-like leaf stems are cooked as a salad or pickled.

BRUSSELS SPROUTS

Ger.—Rosenkohl. Scand.—Rosenkaal



BRUSSELS SPROUTS—Species of cabbage, cultivation the same. One ounce will grow a bed of 40 square feet and produce about 300 plants. This is a delicious vegetable, superior to either Broccoli or Spinach. The cabbage-like heads which grow upon the stem are much improved by a moderate frost. Sow in hot beds in March or April, and in the open ground in May; cultivate same as Broccoli.

Improved Half Dwarf—An improved variety growing about 20 inches high; produces sprouts in abundance, cut out head of plant when sprouts have formed.

FOR BIRD SEED
CUTTLE FISH BONE, ETC.

(See page 118)

CABBAGE

¼ oz. to 100 feet of drill.

Ger.—Kopfkohl.

Scand.—Hovedkaal.

One ounce will produce 3,000 plants; one-quarter pound will produce plants for one acre.

The soil should be deep and rich. For early crop grow plants in hot beds, transplanting to cold frames and then as early as possible after danger of freezing to the open ground. Cultivate often and keep well watered if under irrigation. For late crops sow seed in open ground and transplant, or some succeed well by sowing seeds in hills where wanted and thinning to one. This avoids the necessity of waiting for a damp time to transplant.

EXTRA EARLY VARIETIES.

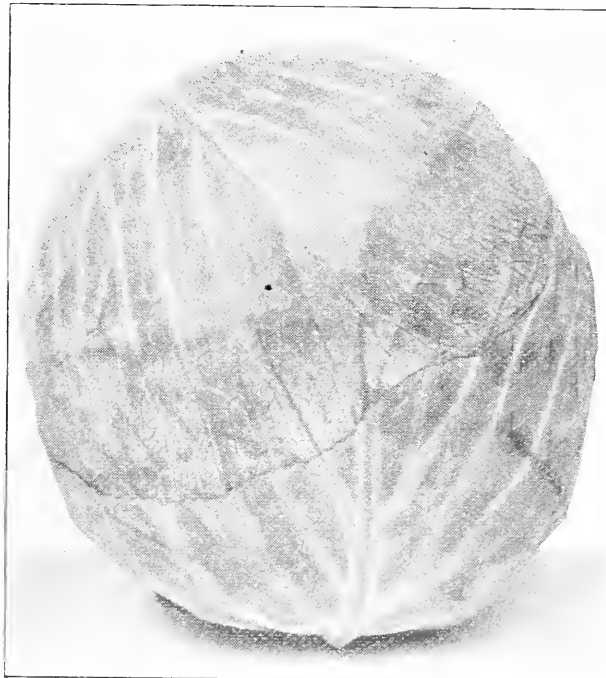
For Prices See Red Insert—Page 80.

Early Jersey Wakefield—This has been for many years the leading early Cabbage in America. The main difficulty has been to get a perfectly satisfactory and reliable strain of seed. Buyers will find Early Jersey Wakefield the genuine article. It has few outer leaves, and in compactness and regularity cannot be surpassed. The thick stout leaves and compact habit make it the best sort for very early setting. It frequently matures inside of 100 days from sowing.



Cabbage (Early Winningstadt.)

Early Winningstadt—This is another old and famous type of early Cabbage but as in the case of Wakefield, the main difficulty is to get a strain of seed representing the highest grade of excellence. Such a strain will be found in our Winningstadt. It is almost as early as Wakefield. It is a sure header, even where other sorts may fail and seems to be less liable to the attacks of Cabbage worm than many other varieties.



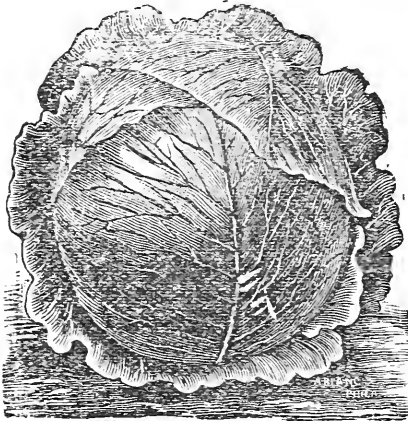
Cabbage (Copenhagen Market.)

Copenhagen Market—A new early variety, which is very popular with market gardeners. It is the finest large, round-headed early Cabbage in cultivation. It is further desirable on account of the remarkable characteristic of maturing the heads all at the same time, enabling the grower to gather his crop with less expense and permitting the cleaning of the land at the first cutting. The heads average about ten pounds each in weight, are hard and solid and with small core. The quality is extra fine and sweet. It matures as early as the Wakefield and will yield more to the acre in weight. It is a short-stemmed variety, the heads nearly resting on the ground. The leaves are light green, rather small, saucer shaped and tightly folded, making it possible to set them close together in the field.

Glory of Enkhuizen—The earliest and largest white Cabbage—attractive for market purposes. Solid with large ball shaped heads thin-ribbed and hard, few outside leaves; exceedingly tender. Is a dwarf and compact grower; allowing close planting; will yield more tons per acre than any other variety.

Extra Early Express—This variety has produced fair-sized marketable heads in 80 days from the sowing of the seed. There are few loose leaves and almost every plant forms a head. It can be planted close and yields a large crop.

Cabbage--Second Early Varieties



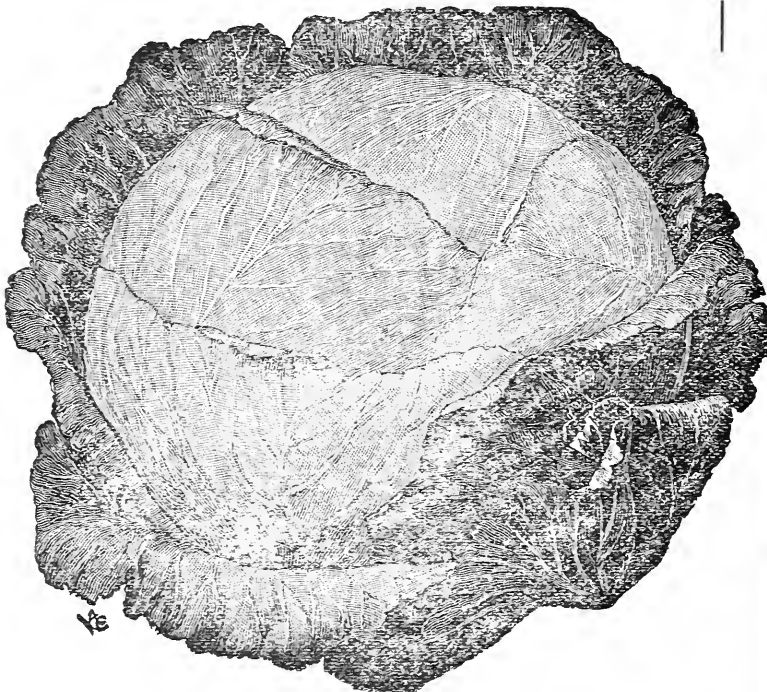
Cabbage—Improved Brunswick.

Improved Brunswick—An ideal second early variety of drumhead type. Desirable for the home garden, dwarf and compact. Is good for Summer, Autumn and Winter crop. Desirable for all sorts of planting.

Early Summer—It is the earliest of large Cabbages, being at least a week in advance of any other strains of Early Summer. The deep flat heads are remarkably uniform in shape, size and color. Good quality and tenderness are marked features.

Late or Winter Varieties

FOR PRICES SEE RED INSERT—PAGE 83.



Cabbage—Large Late Flat Dutch.

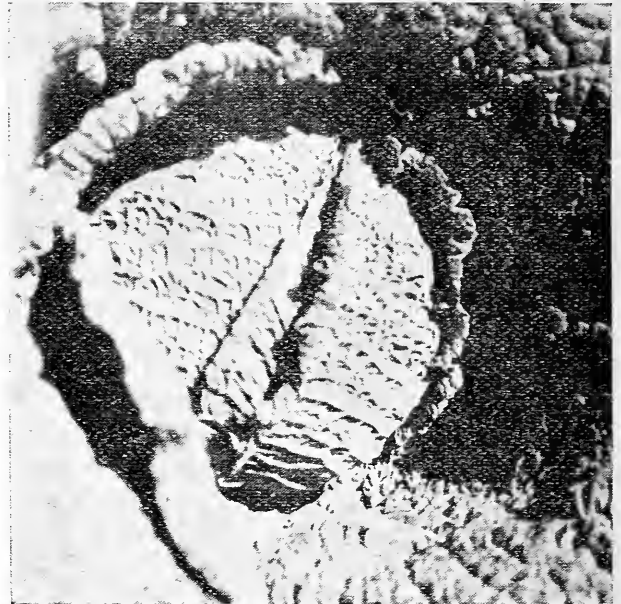
Large Late Flat Dutch—A low growing variety, heads large, bluish green, round solid broad and flat on top; an excellent fall and winter variety, and a good keeper. It is a sure header.

Hollander or Danish Ball Head—Very hardy, handsome, very solid, of fine quality. Plant vigorous compact growing, with longer stem than most American sorts and exceedingly hardy in resisting cold and dry weather; leaves large, thick, bluish green covered with whitish bloom. Heads medium sized, round very solid, and stands shipment better than any other late sort.

Surehead—One of the most reliable main crop or late cabbage for northern latitudes, being very hardy and exceptionally sure heading. The heads are large and broad, thick, somewhat flattened, compact, very solid and of excellent quality.

CABBAGE—(Danish Roundhead)—(Short Stem)—This is an improved form of the Danish Ball Head, and will average more in weight per head than the old parent type. Shorter stemmed, very vigorous and has developed a wonderful capacity for withstanding hot sun. Inside leaves blanch pure white, very solid, and exceedingly crisp and tender.

Red Rock—This is the largest variety of Red Cabbage, and produces heads which are remarkably solid, more so than any other kind. The heads, which are round, with spreading outer leaves mature at a late season, and on account of their solidity will keep well for a long time. It is the best and most attractive Red Cabbage grown. Fine for pickling.



Cabbage—Drumhead Savoy.

Drumhead Savoy—The plants are vigorous, of medium size, with rather short stem and are very sure heading. The outer leaves are medium large, thick, fleshy and densely and uniformly crumpled; the heads are large, nearly round, fairly solid, sweet and tender.



Pe Tsai—Chinese Cabbage—Blanched Head.

Chinese Pe Tsai or Celery Cabbage—This Chinese introduction is really of great merit, growing somewhat like the Cos Lettuce. Boiled and seasoned with butter, it makes a most delectable dish, and is also a splendid base for salads. Sow rather later than ordinary Cabbage—as too early sowings have a tendency to run to seed too quickly.

STATE NURSERY AND SEED CO.

HELENA, MONTANA

Price List of Vegetable and Field Seeds

(ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE)

IMPORTANT—READ CAREFULLY

We pay postage on all seeds quoted in packets, ounces, ¼ lbs., also on 1 lb. where specified. On all orders—where the individual items of any kind are wanted in quantities of 1 lb. or more, and are not quoted as P P (Postpaid) ADD POSTAGE—if desired by parcel post. Otherwise all orders will be sent by express or freight, at the purchaser's expense.

1 lb. is little more than 1 pint; 2 lbs. is little more than 1 quart.

PAGE 73

ARTICHOKES—Per lb. 20c postpaid; 5lbs. 90c postpaid 10 lbs. or over write for special prices.

ASPARAGUS	Pkt.	Oz.	¼lb.	Lb.
Conover's Colossal .....	.05	.20	.45	1.25
Palmetto .....	.05	.20	.45	1.25
Bonvallets' Giant .....	.05	.20	.50	1.50
Asparagus Roots,—see page 46.				

BEANS	PAGE 74	Pkt.	½lb.	Lb.
Improved Golden Wax .....		.05	.15	.25
Davis White Wax .....		.05	.15	.25
Improved Black Wax .....		.05	.15	.25
Curries' Rust Proof Black Wax .....		.05	.15	.25
Wardwell's Kidney Wax .....		.05	.15	.25

BEANS	PAGE 75	Pkt.	½lb.	Lb.
Long Yellow Six Weeks .....		.05	.15	.25
Early Red Valentine .....		.05	.15	.25
Late Refugee or 1000-1 .....		.05	.15	.25
Bountiful .....		.05	.15	.25
Stringless Green Pod .....		.05	.15	.25

BEANS PAGE 76
Feltham Prolific, Pkt. 40c; ¼lb. 25c; ½lb. 35c; 1 lb. 60c; 5 lbs. \$3.25 postpaid; 10lbs. or more at 40c per lb. by express or freight.

	Pkt.	½lb.	Lb.
Kentucky Wonder .....	.05	.15	.25
Scarlet Runner .....	.05	.15	.25
Lazy Wife .....	.05	.15	.25

BEANS	PAGE 77	Pkt.	½lb.	Lb.
Fordhook Bush Lima .....		.05	.15	.25
Burpees Bush Lima .....		.05	.15	.25
Broad Windsor .....		.05	.15	.25
Improved White Navy				Write for prices
Great Northern Navy—by express or freight only—5lbs. 75c; 10lbs. \$1.30; 100lbs. \$10.25.				

On Beans, in lots of 5 lbs. or more of one variety deduct 5c per lb. when ordered by express or freight, not prepaid.

BROCCOLI —Snow White	Pkt.	Oz.	¼lb.
.....	.05	.60	2.00

BEETS —For Table Use	Pkt.	Oz.	¼lb.	Lb.
Crimson Globe .....	.05	.20	.40	1.00
Detroit Dark Red Turnip .....	.05	.15	.30	.90
Extra Early Egyptian .....	.05	.15	.35	1.00
Early Eclipse .....	.05	.15	.30	.90
Early Blood Turnip .....	.05	.15	.30	.90
Long Smooth Blood .....	.05	.15	.30	.90
Half Long Blood .....	.05	.15	.30	.90

PAGE 78

HALF SUGAR and HALF MANGEL (For Stock Feeding)	Pkt.	¼lb.	lb.	PP	10lbs.
Giant Feeding or Half Sugar White Mangel, Green Top .....	.05	.15	.45	4.00	
Giant Feeding or Half Sugar Rose Mangel, Red Top .....	.05	.15	.45	4.00	

PAGE 78

SUGAR BEETS —For Sugar Making	Pkt.	¼lb.	lb.	PP	10lbs.	By Exp.
Klein Wanzlebener .....	.05	.20	.70	6.75		
Vilmorin's Improved .....	.05	.20	.70	6.75		

PAGE 78

MANGEL WURZEL	Pkt.	¼lb.	lb.	PP	10lbs.	By Exp.
Mammoth Long Red .....	.05	.15	.50	4.50		
Golden Tankard .....	.05	.15	.50	4.50		
Danish Sludstrop .....	.05	.20	.60	5.50		
Giant Red Eckendorf .....	.05	.20	.60	5.00		
Red Leviathan .....	.05	.20	.60	5.00		
Yellow Globe .....	.05	.15	.50	4.50		
Write for special price on 25 lb. lots and larger quantities.						

PAGE 79

SWISS CHARD	Pkt.	Oz.	¼lb.	lb.
.....	.05	.20	.60	2.00
BRUSSEL SPROUTS				
.....	.05	.40	1.35	.....
CABBAGE				
Early Jersey Wakefield .....	.05	.30	1.00	3.25
Early Winningstadt .....	.05	.25	.90	2.75
Copenhagen Market .....	.10	.40	1.50	4.25

PAGE 80

CABBAGE	Pkt.	Oz.	¼lb.	lb.
Glory of Enkhuizen .....	.10	.40	1.40	4.00
Extra Early Express .....	.05	.30	1.00	2.00
Improved Brunswick .....	.05	.30	1.10	3.00
Early Summer .....	.05	.35	1.10	3.25
Large Late Flat Dutch .....	.05	.30	1.00	3.00
Hollander or Dainsh Ball Head .....	.05	.40	1.10	4.00
Surehead .....	.05	.30	1.00	3.00
Danish Roundhead Short Stem .....	.05	.40	1.25	4.00
Red Rock .....	.05	.30	1.10	4.00
Drumhead Savoy .....	.05	.40	1.15	4.00
Chinese Pe Tsai or Celery Cabbage .....	.10	.40	1.30	4.00

PAGE 81

CARROTS	Pkt.	Oz.	¼lb.	lb.
French Forcing .....	.05	.15	.35	.95
Early Scarlet Horn .....	.05	.15	.35	.95
Oxheart or Guerande .....	.05	.15	.40	1.00
Early Chantenay .....	.05	.15	.30	.90
Danver's Half Long .....	.05	.15	.35	.95
Improved Long Orange .....	.05	.15	.30	.90

The Two Best Varieties

STOCK CARROT	Oz.	¼lb.	lb.	10lbs.	By Exp.
Victoria Yellow .....	.10	.25	.80	7.50	
Mastodon White .....	.10	.25	.80	7.50	

CAULIFLOWER	Pkt.	1/2oz.	Oz.	¼lb.	lb.
Early Snowball .....	.25	1.15	4.00	14.00	
Early Dwarf Erfurt .....	.15	1.10	4.00	13.00	
Dry Weather or Danish Giant .....	.15	1.15	4.00	14.00	
Extra Early Snowball or Danish Peeler .....	.25	1.25	4.25	15.00	

PAGE 81

CELERIAC or Turnip Rooted Celery	Pkt.	Oz.	lb.
.....	.05	.25	.75

PAGE 82

CELERY	Pkt.	Oz.	1/4lb.	lb.
Paris Golden Self Blanching .....	.25	.90	3.00	....
Easy Blanching .....	.05	.30	.90	....
Montana Perfection .....	.05	.30	.90	....
Golden Hearted Dwarf .....	.05	.30	.80	....
White Plume .....	.05	.35	1.00	....

CELERY SEED—For flavoring—not for sowing—see p. 85.

CHERVIL05 | .40 | 1.25 | |CHIVES—Roots, see page 4610 | 2.50 | | |CORN SALAD05 | .30 | .90 | 3.00 |

PAGE 83

CORN—SWEET	Pkt.	1/2lb.	Lb.
Peep O'Day .....	.05	.20	.30
Mammoth White Cory .....	.05	.20	.30
Howling Mob .....	.05	.20	.30
Golden Bantam .....	.05	.20	.30
Early Minnesota .....	.05	.20	.30
Black Mexican .....	.05	.20	.30

On Sweet Corn in lots of 5 lbs. or more of one variety, deduct 5c per lb. when ordered by express or freight, not prepaid.

POP CORN—For Prices See Field Seeds—Page 110

PAGE 84

CRESS	Pkt.	Oz.	1/4lb.	Lb.
Cress or Pepper Grass .....	.05	.15	.40	1.25
Cress—Water .....	.05	.50	1.80	....

PAGE 84

CUCUMBER	Pkt.	Oz.	1/4lb.	Lb.
Davis Perfect .....	.05	.20	.40	1.20
Fordhook Famous .....	.05	.20	.35	1.15
Cool and Crisp .....	.05	.20	.35	1.15
Early White Spine .....	.05	.20	.40	1.20
Early Frame or Short Green .....	.05	.20	.40	1.20
Early Russian .....	.05	.20	.40	1.20
Extra Early Green Prolific or Boston Pickling .....	.05	.20	.40	1.20
Improved Long Green .....	.05	.20	.50	1.70
Everbearing .....	.05	.20	.40	1.20
Japanese Climbing .....	.05	.20	.40	1.20
White Wonder .....	.05	.15	.35	1.00
Rollinson's Telegraph .....	.25	....	....	....
Vaughn's Prolific Forcing .....	.25	....	....	....

EGG PLANT—Improved New York05 | .75 | 2.25 | 7.50 |

ENDIVE

White Curled .....	.05	.20	.50	1.50
Green Curled .....	.05	.20	.50	1.50
Broad Leaved Batavian .....	.05	.20	.45	1.25

GARLIC—1lb. 25c postpaid; by express 1lb. 20c; 10lbs. \$1.75

HERBS	Pkt.	Oz.		Pkt.	Oz.
Anise .....	.05	.35	Coriander .....	.05	.50
Balm .....	.05	.60	Catnip .....	.05	1.10
Basil .....	.05	.50	Dill .....	.05	.25
Borage .....	.05	.50	Fennel .....	.05	.45
Caraway .....	.05	.35	Horehound .....	.05	.75
			Lavender .....	.05	.85

PAGE 85

HERBS	Pkt.	Oz.		Pkt.	Oz.
Rue .....	.05	1.00	Summer Savory ....	.05	.75
Sage .....	.05	.75	Thyme .....	.05	1.25
Sweet Marjoram ....	.05	.75	Wormwood .....	.05	.65
Sorrell .....	.05	.50			

SEEDS FOR FLAVORING, MEDICINAL AND OTHER PURPOSES.

	Postpaid	1/4lb.	lb.
Celery—For flavoring not for sowing .....	.20	.65	
Dill—For Flavoring .....	.15	.50	
Pumpkin .....	.15	.45	
Water Melon .....	.15	.45	
Musk Melon—For fancy work .....	.15	.45	

PAGE 85

KALE or BORECOLE	Pkt.	Oz.	1/4lb.	lb.
Dwarf Curled Scotch .....	.05	.20	.60	
Tall Green Curled Scotch .....	.05	.20	.60	

KOHL RABI

	Pkt.	Oz.	1/4lb.	Lb.
White Vienna .....	.05	.30	1.00	....
Early Purple Vienna .....	.05	.30	1.00	....

LEEK—American Flag05 | .30 | .90 | 3.00 |

LETTUCE—Heading Varieties

	Pkt.	Oz.	1/4lb.	Lb.
May King .....	.05	.20	.40	1.40
Crisp as Ice .....	.05	.25	.65	2.00
Improved Hanson Head .....	.05	.15	.30	.95
Prize Head .....	.05	.15	.30	.95
California Cream Butter .....	.05	.20	.40	1.20

PAGE 86

LETTUCE—Heading Varieties

	Pkt.	Oz.	1/4lb.	Lb.
Big Boston .....	.05	.20	.50	1.70
New York Head .....	.05	.30	.80	2.00
Boston Market or Tennisball W. S. ....	.05	.15	.30	.95
Salamander .....	.05	.15	.30	.95

LETTUCE—Loose Leaved Varieties

Grand Rapids .....	.05	.15	.40	1.20
The Morse .....	.05	.15	.30	.95
Early Curled Simpson or Silesia .....	.05	.15	.30	.95
Black Seeded Simpson .....	.05	.15	.35	1.20
Paris White Cos .....	.05	.20	.50	1.40

PAGE 86

MUSKMELON

	Pkt.	Oz.	1/4lb.	Lb.
Rockyford or Netted Gem .....	.05	.15	.50	1.25

PAGE 87

Extra Early Hackensack .....	.05	.15	.30	.95
Gold Lined Rockford .....	.10	.20	.50	1.70
Jenny Lind .....	.05	.15	.30	.95
Extra Early Citron or Early Nutmeg .....	.05	.15	.30	.95
Emerald Gem .....	.05	.15	.25	.95
Burrell's Gem .....	.05	.15	.30	.95
Barling's Montana .....	.10	.20	.50	1.75
Osage or Miller's Cream .....	.05	.15	.30	.95
Honey Dew .....	.10	.20	.65	2.20
Netted Rock King .....	.10	.20	.60	2.00
Garden Lemon .....	.10	.15	.30	.95

PAGE 88

WATERMELON

	Pkt.	Oz.	1/4lb.	Lb.
Cole's Early .....	.05	.15	.30	.95
Fordhook Early .....	.05	.15	.30	.95
Phinney's Early .....	.05	.15	.30	.95
Kleckley's Sweet .....	.05	.15	.30	.95
Mountain Sweet .....	.05	.15	.30	.95
Improved Kolb's Gem .....	.05	.15	.30	.95
Ice Cream or Peerless .....	.05	.15	.30	.95

CITRON

Red Seeded .....	.05	.15	.30	.95
Green Seeded .....	.05	.15	.30	.95

MUSTARD

	Pkt.	Oz.	1/4lb.	Lb.
White .....	.05	.10	.20	.80
Giant Southern Curled .....	.05	.10	.20	.80

MUSHROOM SPAWN

Lambert's—Per brick, 55c; 5 bricks, \$1.60 postpaid.
By express or freight, brick, 30c; 10 bricks\$2.50

OKRA or GUMBO

	Pkt.	Oz.	1/4lb.	Lb.
Dwarf Green .....	.05	.20	.40	1.25
White Velvet .....	.05	.20	.40	1.25

PAGE 89

ONION SETS

	Lb.	5lbs.	10lbs.
White Bottom .....	.30	1.40	2.70
Red Bottom .....	.30	1.35	2.60
Yellow Bottom .....	.25	1.25	2.50
Yellow Multiplier .....	.30	1.35	2.60
Egyptian Winter or Perennial (can supply in Spring and Fall) .....	.30	1.35	2.60

NOTICE—Above prices on Onion Sets apply when wanted by PARCEL POST ONLY.

ONION SETS	PAGE 89	Lb. 5lbs. 10lbs.
White Bottom .....		.25 1.30 2.50
Red Bottom .....		.25 1.20 2.25
Yellow Bottom .....		.20 1.00 2.00
Yellow Multiplier .....		.25 1.20 2.25
Egyptian Winter or Perennial (Can supply in Spring and Fall .....		.25 1.20 2.25

NOTICE—Above prices on Onion Sets apply when wanted by express or freight only, at purchaser's expense.

ONION SEED	PAGE 89	Pkt. Oz. ¼lb. Lb.
White Pickling .....		.05 .35 1.20 3.50
White Portugal or Silver Skin .....		.05 .35 1.20 3.50
Early White Barletta or White Queen .....		.05 .40 1.35 4.00
Mammoth Silver King .....		.05 .50 1.65 5.00
White Welsh .....		.10 .35 1.20 3.50
Southport White Globe .....		.05 .35 1.35 4.00

ONION SEED	PAGE 90	Pkt. Oz. ¼lb. Lb.
Large Red Wethersfield .....		.05 .25 .60 2.00
Southport Red Globe .....		.05 .30 .75 2.50
Extra Early Red Flat .....		.05 .30 .75 2.50
Australian Brown .....		.05 .25 .60 2.00
Yellow Globe Danvers .....		.05 .25 .80 2.50
Yellow Danvers Flat .....		.05 .25 .70 2.00
Prizetaker .....		.05 .25 .80 2.50
Ailsa Craig .....		.10 .50 1.65 5.00

PARSLEY	PAGE 91	Pkt. Oz. ¼lb. Lb.
Moss Curled .....		.05 .20 .40 1.25
Extra Double Curled .....		.05 .20 .40 1.25
Hamburg or Turnip Rooted .....		.05 .20 .40 1.50

PARSNIP		Pkt. Oz. ¼lb. Lb.
Hollow Crown .....		.05 .15 .25 .75
Improved Guernsey .....		.05 .15 .25 .75
Sweet Marrow .....		.05 .15 .25 .75

PEAS		Pkt. ½lb. Lb.
Alaska .....		.05 .20 .30
American Wonder .....		.05 .20 .30

PEAS	PAGE 92	Pkt. Oz. ¼lb. Lb.
Little Marvel .....		.05 .20 .30
Little Gem .....		.05 .20 .30
Nott's Excelsior .....		.05 .20 .30
Carter's Daisy or Dwarf Telephone .....		.05 .25 .40
Gradus .....		.05 .25 .40
Laxtonian .....		.05 .25 .40
White Marrowfat—See Field Seed .....		.05 .10
Champion of England .....		.05 .20 .35

PEAS	PAGE 93	Pkt. Oz. ¼lb. Lb.
Roosevelt .....		.05 .20 .40
Telephone .....		.05 .20 .30
Mammoth Melting Sugar .....		.10 .25 .40

On Peas in lots of 5 lbs. or more of one variety, deduct 5c per lb. when ordered by express or freight not prepaid.

PEPPER		Pkt. Oz. ¼lb. Lb.
Large Bell or Bull Nose .....		.05 .70 2.00
Sweet Mountain .....		.05 .70 2.00
Cayenne Long Red .....		.05 .75 2.25

PUMPKIN		Pkt. Oz. ¼lb. Lb.
Tennessee Sweet Potato .....		.05 .15 .35 1.00
King of the Mammoth or Jumbo .....		.05 .20 .45 1.25
Connecticut Field .....		.05 .15 .35 1.00
Japanese Pie .....		.05 .15 .35 1.00

PUMPKIN	PAGE 94	Pkt. Oz. ¼lb. Lb.
Large Cheese or Kentucky Field .....		.05 .15 .35 1.00
Early Small Sugar or Pie .....		.05 .20 .60 1.50
Winter Luxury .....		.05 .20 .60 1.50

RADISH	PAGE 94	Pkt. Oz. ¼lb. Lb.
Early Scarlet White Tipped .....		.05 .15 .35 .95
Early Scarlet Turnip .....		.05 .15 .35 .95
Non Plus Ultra or Early Deep Scarlet .....		.05 .15 .35 .95
Early White Turnip .....		.05 .15 .35 .95
Crimson Giant Turnip Forcing .....		.05 .15 .40 1.20
Early Scarlet Globe .....		.05 .10 .25 .75
French Breakfast or Half Long .....		.05 .10 .25 .75

RADISH	PAGE 95	Pkt. Oz. ¼lb. Lb.
Long White Vienna or Lady Finger .....		.05 .15 .35 1.20
White Icicle .....		.05 .15 .35 1.20
White Strasburg .....		.05 .10 .25 .75
Long Scarlet Short Top .....		.05 .10 .25 .75
Cincinnati Market .....		.05 .15 .25 .95

WINTER VARIETIES

Do not sow until the latter part of June

China Rose .....	.05	.10	.25	.75
Mammoth White China .....	.05	.10	.25	.75
Long Black Spanish .....	.05	.10	.25	.75
Round Black Spanish .....	.05	.10	.25	.75
Sakurajima or Mammoth Japan .....	.05	.15	.50	1.50
Nerima or Mikado .....	.05	.15	.50	1.50

RHUBARB	PAGE 95	Pkt. Oz. ¼lb. Lb.
Monarch .....		.05 .15 .45 1.25
Victoria05 .15 .45 1.25

SALSIFY or OYSTER PLANT

Sandwich Island05	.25	.75	2.50
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SPINACH

Improved Thick Leaved05	.15	.30	.75
Long Standing05	.15	.30	.75
Bloomsdale Savoy Leaved05	.15	.30	.75
Prickly Winter .....	.05	.15	.30	.75
New Zealand .....	.05	.20	.50	1.50

SQUASH

	PAGE 96	Pkt. Oz. ¼lb. Lb.
Early White Bush Scallop .....		.05 .15 .30 .95
Early Summer Crookneck .....		.05 .15 .30 .95
Vegetable Marrow .....		.05 .15 .30 1.10
Chicago Warty Hubbard .....		.05 .15 .30 1.10
Red or Golden Hubbard .....		.05 .15 .30 1.10
Improved Hubbard .....		.05 .15 .30 1.10
Sibley or Pikes Peak .....		.05 .15 .30 1.00
Delicious05 .10 .25 .80
Boston Marrow05 .10 .25 .80

SUNFLOWER

Mammoth Russian	Pkt., 5c
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For larger quantities see field seeds.

TOMATO

	PAGE 97	Pkt. Oz. ¼lb. Lb.
Bonny Best05 .40 1.20 4.00
John Baer .....		.05 .50 1.50 5.00
Earlibell .....		.10 .50 1.50 5.00
Montana Beauty .....		.05 .40 1.20 4.00
New Stone .....		.05 .40 1.20 4.00
Spark's Earliana .....		.05 .40 1.20 4.00
Golden Queen .....		.05 .40 1.20 4.00
Dwarf Champion .....		.05 .50 1.50 5.00

See Back Cover for Tomato Novelties.

TOMATO

	PAGE 98	Pkt. Oz. ¼lb. Lb.
Red Pear .....		.05 .60 1.80 6.00
Red Peach .....		.05 .60 1.80 6.00
Red Plum .....		.05 .60 1.80 6.00
Red Currant .....		.05 .60 1.80 6.00
Red Cherry .....		.05 .60 1.80 6.00
Winter Cherry or Purple Husk .....		.05 .60 1.80 6.00
Yellow Cherry .....		.05 .60 1.80 6.00
Yellow Plum .....		.05 .60 1.80 6.00
Yellow Peach .....		.05 .60 1.80 6.00
Yellow Pear .....		.05 .60 1.80 6.00
Ground Cherry, Strawberry or Yellow Husk .....		.05 .50 1.75 5.00

TURNIP

		Pkt. Oz. ¼lb. Lb.
White Milan, Extra Early .....		.05 .15 .40 1.00
Purple Top Milan, Extra Early .....		.05 .15 .40 1.00
Early Snowball .....		.05 .10 .25 .80
Purple Top Strap Leaf .....		.05 .10 .25 .80
Purple Top White Globe .....		.05 .10 .25 .80
White Egg .....		.05 .10 .25 .80
Golden Ball .....		.05 .10 .25 .80

RUTABAGA

		Pkt. Oz. ¼lb. Lb.
Bangholm .....		.05 .10 .25 .80
Prizewinner .....		.05 .10 .25 .80
American Purple Top .....		.05 .10 .25 .80
Large White or Sweet German .....		.05 .10 .25 .80
Hurst's Monarch .....		.05 .10 .30 1.00

FIELD SEEDS

Prices on all seeds listed below are based on present stocks, after these are exhausted prices are subject to change.
All prices quoted NOT under PP. (Postpaid) will be forwarded at purchaser's expense by express or freight.

ALFALFA **PAGE 101** **By Exp. or Frt.**
Reg. Grimm, sealed bags.....1lb. 90c, 5lbs. \$4.25, 10lbs. \$8.00

	lb. PP	Lb.	10lbs.	100lbs.
Certified Grimm "Peerless"	.55	.50	4.75	45.00
Certified Grimm "Placer"	.50	.45	4.40	40.00
Certified Cossack				
Certified Liscomb "Peerless"	.45	.40	3.75	34.00
Certified Liscomb "Placer"	.40	.35	3.00	26.00

ALFALFA **PAGE 102**
Hardy Montana "Peerless"40 .35 3.25 28.50
Hardy Montana "Placer"35 .30 3.00 24.00
Hardy Montana "Quartz"30 .25 2.00 17.50
Imported Turkestan30 .25 2.25 19.00

CLOVER
Medium Red "Peerless"40 .35 3.00 25.50
Medium Red "Placer"35 .30 2.75 23.50
Mammoth Red "Peerless"40 .35 3.10 26.00
Alsike "Peerless"35 .30 2.75 24.50
Alsike "Placer"30 .25 2.50 22.50
Sanfoin or Espercette30 .25 2.25 18.00
White Dutch "Peerless"60 .55 5.80 49.00
White Dutch "Placer"55 .50 4.80 43.00

PAGE 103
Hubam Clover, Annual White Sweet
Clover "Peerless" 1.00 1.00 9.00 85.00
Sweet White Blossom "Peerless"20 .15 1.25 10.50
Sweet White Blossom "Placer"18 .13 1.10 9.50
Sweet White Blossom "Quartz"15 .11 .90 8.00
Sweet Yellow Blossom "Peerless"20 .15 1.30 11.00
Sweet Yellow Blossom "Placer"18 .13 1.15 10.00

RED TOP **PAGE 104**
Red Top "Peerless"38 .33 3.15 27.50
Red Top "Placer"35 .30 3.00 25.50

TIMOTHY
Timothy "Peerless"20 .15 1.25 9.50
Timothy "Placer"18 .13 1.10 8.25
Timothy & Alsike 25% Mixed20 .15 1.35 9.75
Timothy & Alsike 50% mixed25 .20 1.60 12.50

BLUE GRASS (Kentucky)
Blue Grass "Peerless"65 .60 5.75 55.00
Blue Grass "Placer"62 .57 5.50 52.00
PROME GRASS25 .20 1.50 11.50
SLENDER WHEAT GRASS25 .20 1.50 11.50
ORCHARD GRASS "Peerless"35 .30 2.75 24.00
PERENNIAL RYE GRASS27 .22 2.00 16.00

PAGE 105
SUDAN GRASS15 .10 .80 6.75
MILLET
White Wonder12 .07 .65 5.25
Golden or German12 .07 .65 5.00
Hungarian14 .09 .75 6.50
Siberian12 .07 .65 5.00
Hog or Broom Corn12 .07 .65 5.00
Japanese17 .12 1.15 9.75

PEAS—FIELD
White Marrowfat First Grade13 .08 .70 6.25
Early May13 .07½ .65 6.00
Alaska Write for prices
Mixed Write for prices

SOY BEANS
Wis. Early Black15 .10 .95 8.25
Navy Beans—See page 76

SORGHUM **Page 106**
Southern Seed13 .08 .65 5.75
Minnesota Amber Cane14 .09 .70 6.25
FETERITA13 .08 .70 6.00

KAFFIR CORN
White Seeded13 .08 .65 5.25

VETCH
Spring15 .10 .90 7.50
Winter or Hardy24 .19 1.75 14.50

SUNFLOWER—Mammoth Russian14 .09 .85 7.00

PAGE 107
RAPE16 .12 1.10 9.50
BUCKWHEAT

Silver Hull13 .08 .75 6.25
Japanese13 .08 .75 6.25

FLAX **Bu. 56 lbs.** 10lbs. bu.
North Dakota No. 52 Mont. Grown55 2.50
Montana Russian50 2.25

OATS **Bushel 32 lbs.** bu. 100lbs.
Swedish Select75 2.00
National85 2.25
Montana White or Big Four85 2.25
Newmarket85 2.25
New Victory 1.00 2.85

WHEAT **Per Bushel**
Spring Durum (Kubanka) 60 lbs. 1.75
Spring Durum (Black Bearded) 60 lbs. 1.75
Marquis Hard Spring 60 lbs. 1.75
Soft Spring Club 60 lbs. 1.60
If Wanted by Mail Add Postage.

PAGE 108
Dicklow 60 lbs. 1.90
Turkey Red, ready in July 60 lbs.
Kharkov ready in July 60 lbs.
Mont. No. 36
Kanred
Burbank Super—For Fall seeding, sealed bags—Order now as stock is limited—See Page 108.

PAGE 109 bu. 100lbs.
SPELTZ or EMMER Bu. 40 lbs. 1.00 2.50

RYE
Spring Bu. 56 lbs. 1.15 2.00
Fall Amber 1.15 2.00
Fall Rosen 1.55 2.75

BARLEY
White Hulless 60 Lbs. to bushel 3.00
Six Row 48 lbs. to bushel Bearded Mansury 2.50
Guy Mayle 60 lbs. to bushel Blue Bearded & Hulless 3.00
Beardless 48 lbs. to bushel 2.25

PAGE 110
CORN—Field—Bushel 56 lbs. lb. bu.
Northwestern Dent15 2.80
Early Pioneer White Dent15 2.80
Rustler White Dent15 2.80
Minnesota No. 1315 2.80
North Dakota White Flint15 3.00
Squaw or Rainbow15 3.00
Gehu Yellow Flint15 3.00

FODDER CORN
Yellow, White or Red Cob Write for prices

POP CORN Pkt. Lb. 5lbs.
White Rice05 .15 .90
Japanese Hulless10 .20 .90

PAGE 111 25lbs. 50lbs. 100lbs.
POTATOES
Early Ohio—Certified 1.75 3.00 5.00
Early Ohio Grown from certified stock not certified 1.50 2.50 4.00
Early Ohio—Ordinary 1.25 2.00 3.00
Early Six Weeks 1.25 2.00 3.00
Netted Gem 1.00 1.75 2.50
Red Pink Eye 1.25 2.00 3.00
White Pink Eye 1.25 2.00 3.00
Beauty of Hebron 1.25 2.00 3.00

CARROT

Ger.—Moehre.

Scand. Gulrod.

(One ounce to 100 feet of drill; 3 to 4 pounds to the acre.)

Good sandy loam is best adapted for Carrots of all varieties. The shorter varieties, however, can be sown in heavier soil with good results.



Carrot—French Forcing.

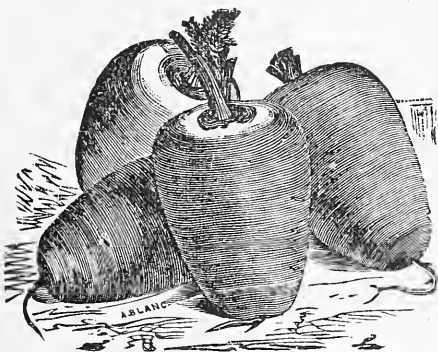
Oxheart or Guerande

— Medium early, bright orange color, fine grained and sweet one of the best table varieties. Can be pulled by hand; well suited to heavy soils, but will thrive equally well in other situations.

Early Chantenay—A most excellent, medium early, half long variety. It is one of the best and the ease with which it can be harvested make it desirable as a field sort. The tops are medium sized with small neck. The mature roots are thick, five and one-half to six inches in length, uniformly half long or stump rooted but tapering slightly, smooth, deep orange-red in color. The flesh is very crisp and tender. Although a medium early sort the roots are suitable for use nearly as early as any. The variety is extensively used for canning.

Danvers Half Long—A standard variety and one of the heaviest croppers. Color dark orange, very thick shoulder, of a most excellent quality. Length 8 to 10 inches.

Improved Long Orange—This is a variety of the largest size. The roots are uniform in size and form, smooth, and free from small rootlets, penetrating the soil very deeply. Of gradually tapering shape, holding their thickness well throughout the length; rich, deep orange coloring. It is a good keeper of fine quality for winter use.



Carrot—Oxheart or Guerande.

CARROTS FOR STOCK

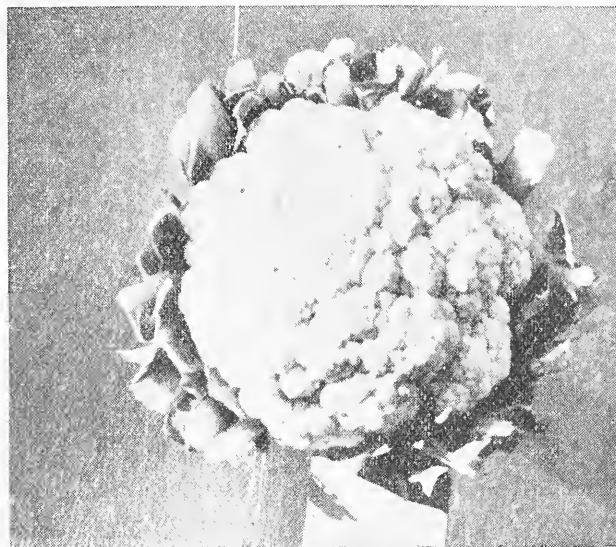
THE TWO BEST VARIETIES

Victoria—Is a very large and a very rich stock Carrot. There can be only one best stock Carrot, and we think our Mastodon is that Carrot, yet there are many who prefer a yellow Carrot. We can say that there is no yellow Carrot which can approach the Victoria in size, in yield and in feeding qualities. It is the largest and best form of orange or yellow Carrot known. The roots are remarkably fine, very symmetrical and of excellent quality, possessing high feeding properties. It is a heavy cropper on all soils, but is especially adapted for rich, strong land. It grows nearly half as much weight again an acre as the ordinary varieties, and as the roots grow more above the ground it is much easier to gather the crop. This grand variety is sure to suit every one who grows it.

Mastodon—Is the heaviest cropping Carrot grown, yielding more tons to the acre than any other sort. The flesh is white, crisp and very sweet in flavor. It is a vast improvement on the white and green Belgian sorts which have been favorites in the past, as it is not only much more productive but vastly easier to handle. The roots are short and very heavy at the shoulder, rendering them easily harvested. An important feature, also, is that they do not easily break in pulling or sorting. Too much can scarcely be said of their size and great productiveness. The roots frequently measure 15 to 20 inches in circumference, and 18 to 40 tons to the acre is not an extravagant statement as to yield.

CAULIFLOWER

(One ounce for 3,000 plants.)

 $\frac{1}{4}$ oz. to 100 feet of drill. Two oz. to the acre.

Early Snowball.

Culture—Cauliflower is a gross feeder, and well repays heavy manuring and high culture. It succeeds best on well drained soil. For spring crop, plant the seed in protected beds early in February and the plant will be ready to transplant probably early in April. The young plants should be thinned, since they become very spindly if allowed to grow too thick in seed bed. Plant in rows two feet apart—eighteen inches in the row.

Early Snowball—Is the best all-round Cauliflower on the market for early or late use, for the family or the market garden. It heads where others fail. Its close and compact habit of growth permits one-third more to be planted on the same quantity of ground than can be done with other varieties.

Early Dwarf Erfurt—An extra early variety; scarcely a plant fails to produce a head.

Dry Weather or Danish Giant—Is more resistant to unfavorable seasons than other sorts, particularly in dry weather.

Extra Early Snowball or Danish Perfection—This new strain, introduced by one of the leading Cauliflower seed growers of Denmark, possesses all the good qualities of the best Early Snowball strains and in addition has shown an unusual uniformity in maturing the crops being taken off clean at practically the first cutting. The leaves, very closely enfolding the head, give it a particularly attractive appearance when displayed for sale, and as the inner leaves almost cover the snowwhite flower the necessary early tying up as in the case of other early sorts is largely avoided. It is the earliest strain of its type and recommended for extra early marketing.

SEE RED INSERT—PAGE 80—FOR ALL
VEGETABLE SEED PRICES



Celeriac—Giant Smooth Prague.

CELERIAC

Ger.—Knoller Sellerie.

Scand.—Knopselleri.

Giant Smooth Prague—Turnip rooted celeri. Excellent for soups. Will keep all winter; roots large, smooth, good flavor.

CELERY

Ger.—Sellerie.

Scand.—Selleri.

(One ounce will produce 7,000 plants.)

(¼ oz., to 100 feet of row. Two oz., to Acre.)

Sow seeds in a hot bed or cold frame. As soon as the plants are about 3 inches high, transplant to a nicely prepared bed in the border, setting them 4 to 5 inches apart. When some 8 inches high, and the stocky plants, set them in trenches. Earth up a little during the summer keeping the leaf stocks close together so that the soil cannot get between them. Finish earthing up in a tump, and never hoe or earth up in moist weather.

Keep the seed bed moist to insure quick germination and vigorous growth.



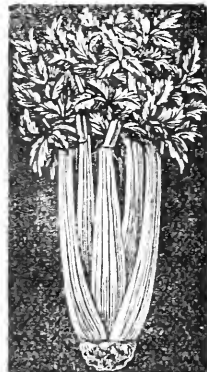
Paris Golden Self Blanching—A remarkable early sort, entirely self-blanching, with beautiful, large golden-yellow heart, crisp solid and nutty flavor.

Easy Blanching—The most valuable celery introduced in many years, with a remarkable natural tendency to blanch readily. Those who have never been successful in growing good celery can depend on this variety. Valuable both for early use and for its winter keeping qualities. Of very quick growth, thick stalks, very tender and brittle, and rich flavor. Its unusually long season for use appeal to the home gardener as well as the commercial grower.

Montana Perfection—Finest and largest winter variety. The best keeper known; solid, crisp, tender and of an exceedingly fine flavor; more largely grown here than all other varieties put together.

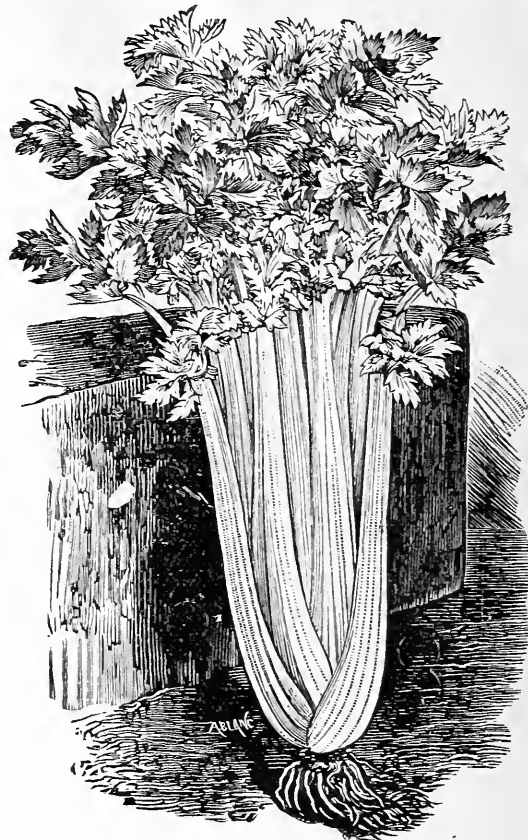
Golden Hearted Dwarf—A most desirable and very hardy variety, very solid and crisp, blanching exceedingly white, with a clear golden heart. An excellent shipper.

SEE RED INSERT—PAGE 83—FOR PRICES



Celery—Montana Perfection

FOR PRICES ON ALL VEGETABLE SEEDS—SEE RED INSERT—PAGE 80



Celery—White Plume.

White Plume—Handsome, early, crisp, almost pure white, self-blanching, easily cultivated, the most popular with Montana growers, both for market and home garden.

Celery Seed—For Flavoring. (Not for sowing.)

SEE RED INSERT—PAGE 80—FOR PRICES.

CHERVIL

(One ounce to 100 feet of row.)

CHERVIL—(Curled)—An aromatic herb. The young leaves are used in soups and salads.

CHIVES---(Snittlauch)

(See Also Vegetable Plants.)

Chives—A vegetable of the Onion tribe, quite hardy everywhere. The leaves are slender and appear very early in the spring, and may be shorn several times during the season. They are propagated by divisions of the root or sowing of seed. The chives are equal to the Onion for flavoring soups and salads.

CORN SALAD

Ger.—Feldsalat.

Scand.—Vaarsalat.

Two oz., to 100 feet of drill.



Corn Salad.

CORN SALAD—(Or Feticus) A salad plant used as a substitute for Lettuce in salads or may be cooked like spinach for greens. It does well in the fall and spring. On rich soil the leaves renew rapidly after being cut.

CORN—Sweet or Sugar

1 lb. for 100 hills or 150 to 200 feet of drill. 15 lbs. to acre. 1 lb. is a little more than a pint—2 lbs. a little more than a quart.

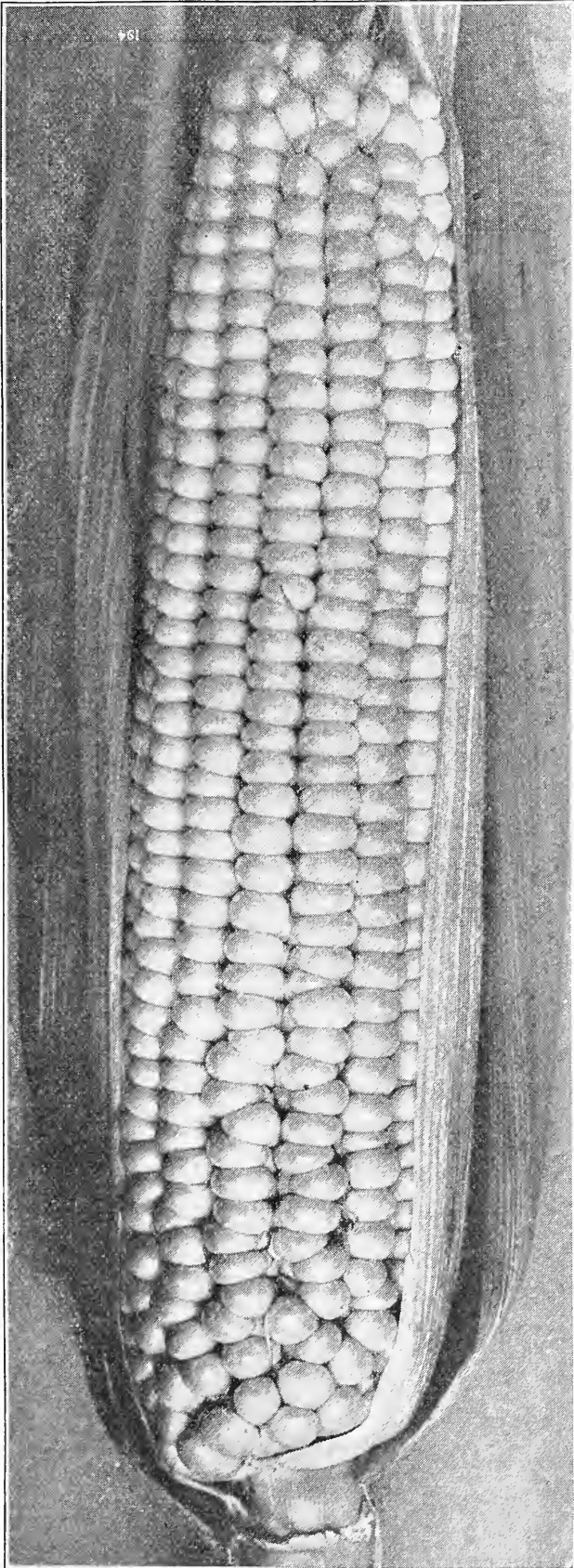
Sweet Corn is very sensitive to frost and should not be planted until danger from freezing is past or about the middle of May in Montana. A rich, warm good ordinary soil will raise excellent Sweet Corn if it is deeply and thoroughly worked before planting. If planted in rows, make the rows three feet apart and 12 to 16 inches apart in the row; cover one inch deep with fine soil firmly pressed down. If planted in hills, make the hills three feet apart each way, and plant four to six kernels to the hill. Hoe frequently and when six inches high cut off all the suckers so as to leave three or four plants to the hill; do not let the plants overcrowd. Give frequent and thorough but shallow cultivation until the tassels appear. In cooking corn use boiling water, do not cover the vessel and do not cook more than ten minutes. "Use no salt"—A pinch of sugar will add to the natural sweetness.

EARLY VARIETIES.

Peep O'Day—Ten days earlier than any other Sweet Corn. Peep O'Day Corn, in addition to its sensational earliness, is entirely distinct in appearance and habit of growth. The stalk grows from 3 to 4 feet in height. The ears average about 5 inches in length and are of perfect form, well filled out to the tip. When cooked, the corn is exceedingly sweet and tender.

Mammoth White Cory—Earliest of all Cory corn; one of the most successful varieties of Corn for Montana, and largely grown for the market; large ears, tender and delicious.

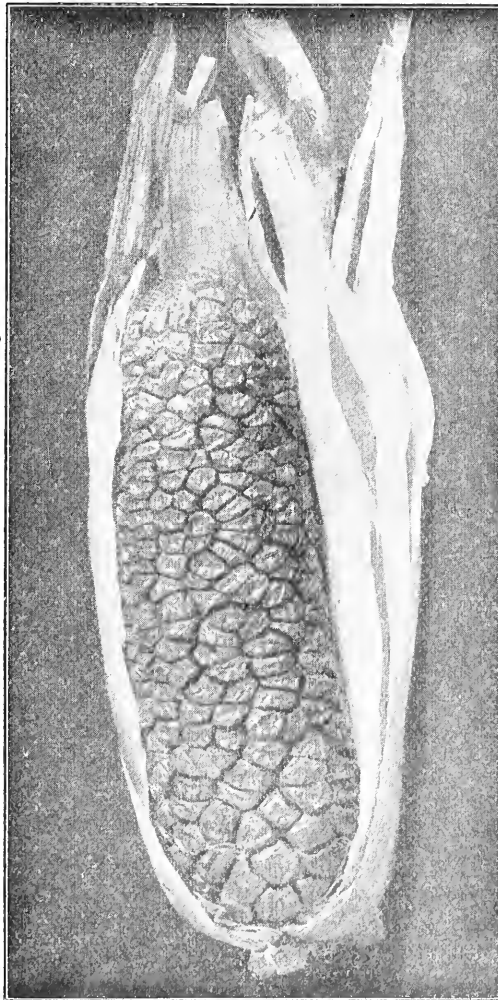
Howling Mob—Although an early variety the ears are much larger than any of the other early sorts. The stalks are usually about five feet in height and produce two splendid ears 7 to 9 inches in length to a stalk. The ears are well covered with a heavy husk affording protection against the green worms. The kernels are of good size, white and very sweet.



CORN—Howling Mob.

GOLDEN BANTAM

A well known variety of sweet corn which many people consider the richest and sweetest of all Corn. Some of our customers are now planting this corn at regular intervals during the season, so that they may have it for table use continually and prefer it to all other sorts. Ears medium size, thickly set with delicious yellow kernels. Golden Bantam has a flavor distinct from any other sort. A very early variety.



Sweet Corn—Golden Bantam.

SECOND EARLY VARIETIES

Early Minnesota—A very fine second early strain with large ears, filled with 12 or more rows of handsome white grains of fine quality.

Black Mexican—This variety has for a number of years had the reputation of being the sweetest of all Sweet Corn. When cooked, the ear is white with a bluish tinge towards the base of the kernel. Every year we have a number of inquiries from those who have known this Corn, but who have forgotten its name and remember it only as the "black corn that was so very sweet."

POP CORN—White Rice—We have a very choice lot, carefully selected and tested for seed purposes—Montana grown.

Japanese Hulless—Also known as Tom Thumb, Australian Hulless, Japanese Hulless is a dwarf-growing white Rice Pop Corn, a heavy yielder, and is ready for popping soon after it is husked. It has no hull or shell or hard center, is most tender, and of a delicious flavor when popped. You will not be without it if you give it a trial this year.

FOR PRICES ON CORN SEE RED INSERT—PAGE 80.

FOR PRICES ON ALL VEGETABLE SEEDS—SEE RED INSERT—PAGE 80

CRESS

Ger.—Karten-Kresse.

Scand.—Karse.

CRESS, OR PEPPER GRASS—This salad is much used with Lettuce to the flavor of which its warm pungent taste makes an agreeable addition.

CRESS—(Water)—Hardy perennial aquatic plant; sow seed along water's edge, preferably near running springs.

CUCUMBER

Ger.—Gurken.

Scand.—Haurk.

(One ounce will plant fifty hills; two lbs. to an acre.)

Davis Perfect—Long and slender, average length 10 to 12 inches. Color very dark green, of fine flavor, very tender and brittle. A choice variety for forcing under glass or for outside culture.

Fordhook Famous—A long White Spine variety growing from 10 to 12 inches. Earlier and fully as long as Long Green and of equally good quality.

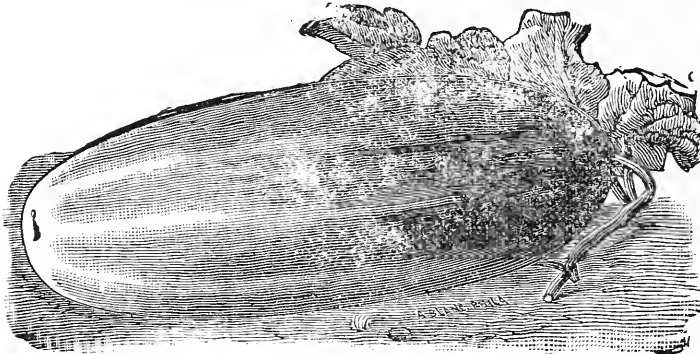
Cool and Crisp—A fine garden variety, deep green and crisp, and is of the White Spine type, pure white when ripe.

Early White Spine—Earliest of the White Spine varieties. Excellent for table use.

Early Frame or Short Green—A very productive variety having fruits of good length and handsome form. Desirable for producing pickles of medium size. Fine quality when sliced for table.

Early Russian—Bright green crisp and tender flesh; excellent for table use or pickling.

Extra Early Green Prolific or Boston Pickling—The best pickling sort yet introduced. A very prolific variety used principally for pickles. Fruit medium sized, bright green, flesh firm and very crisp and tender. Gather the fruit when small and it will bear all summer.



Cucumber—Early White Spine.

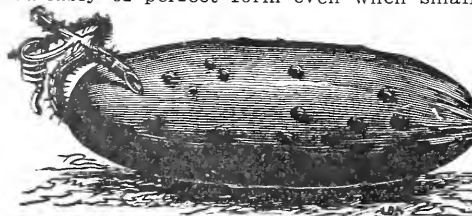


Cucumber—Long Green.

Improved Long Green—Not quite so early as the above named sorts but admitted to be the best general crop Cucumber for this climate; good color, crisp and tender.

Everbearing—Small size, very early and enormously productive and valuable as a green pickler. It continues to flower and produce fruit until killed by frost whether the Cucumbers are picked off or not. Remarkably solid with very few seeds and of fine quality. Invariably of perfect form even when small.

White Wonder—Is exceedingly fine in quality. Its beautiful white skin is very smooth and free from spines. Very solid, tender and crisp with small seed cavity. Splendid for slicing.



Cucumber—Extra Early Green Prolific or Boston Pickling.

Japanese Climbing—A strong and vigorous grower, and while all Cucumbers are running or creeping vines, this variety attains nearly twice the length of ordinary sorts and can be grown on trellises, fences or poles. The fruits from ten to twelve inches in length, are of excellent quality either for slicing or pickling.

Rollinson's Telegraph—For forcing. Long green Cucumbers of excellent flavor, very tender and solid. We have grown this variety under glass to a length of 25 inches.

Vaughn's Prolific—Forcing—For forcing. This is a great favorite with the Chicago and Eastern growers for forcing under glass for the early and winter markets. Of medium size, very prolific, of good color and most excellent quality.



Egg Plant—Improved. New York.

EGG PLANT

($\frac{1}{8}$ oz., to 100 feet of row. $\frac{1}{4}$ lb. to acre.)

One oz. will produce 1000 to 1500 plants.

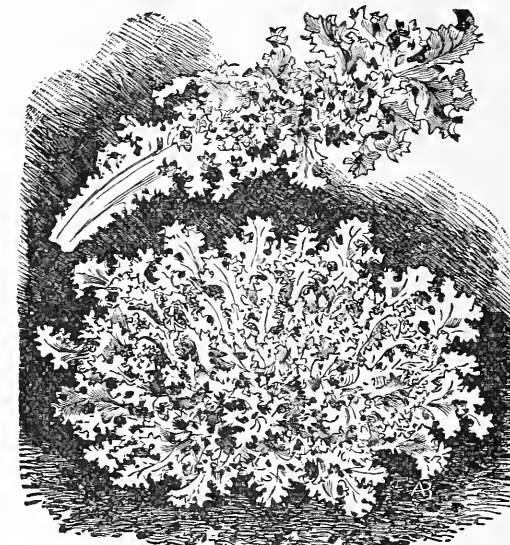
Improved New York—This selection is vastly superior to the old type. The habit of the plant is low and branching, and is quite free from spines.

ENDIVE

1 oz. to 100 feet of row. Four lbs. to acre.

Ger.—Endivien. Scand.—Endive.

White Curled—Leaves pale green; should be used when young.



Endive—Green Curled.

Green Curled—For fall and largely used for winter use; also garnishing; crisp and curly; easily blanched.

Broad Leaved Batavian—A very wide leaved variety. leaves with straight edges, thick and fleshy of a dull green color. Quality excellent.

Ground Cherry—See Tomato—Page 98.

GARLIC

Ger.—Knoblauch.

Scand.—Hoidloeg.

(1 lb. to 50 feet of drill. 200 lbs. to acre.)

GARLIC—The Garlic is the most pungent of all the onion family. The root or bulb is composed of many small bulbs called "cloves", which are planted in the spring six to eight inches apart, and in August the tops will die when the bulbs are ready to gather; they do best in light rich soil.



Garlic.

HERBS

HERBS—(Sweet, Pot and Medicinal)—The seeds should be sown in spring, in shallow drills, 12 inches apart, and the young plants thinned out or transplanted to about 4 inches. They should be harvested on a dry day, just before the blossoms develop, dried quickly and bottled, or closely packed in dry boxes, with the air entirely excluded. Those prefixed by an * are Perennials.

Anise—Used for garnishing and seasoning.

***Balm**—Used as a drink for the sick and for culinary purposes.

Basil—Leaves used in soups, etc.

Borage—Used for flavoring, and flowers furnish bee pasture.

Caraway—Grown for the seeds which are used for flavoring.

Coriander—Young leaves used in soups and salads. Seeds in confectionery and for flavoring.

***Catnip or Catmint**—Used for medicinal purposes.

Dill—Used medicinally and for flavoring pickles.

***Fennel**—Leaves used in fish sauce and for garnishing.

***Forehound**—Used for seasoning and cough remedies.

***Lavender—(Lavendula Spica)**—An aromatic herb emitting a delightful perfume.

HERBS—(Continued.)

***Rue**—Leaves emit a powerful odor and have an exceedingly acrid taste.

***Sage**—A highly aromatic herb, most useful of all.

***Sweet Marjoram**—Leaves and shoots are used for seasoning.

Sorrel—(Large leaved French.)

***Summer Savory**—Aromatic tops are used for culinary purposes.

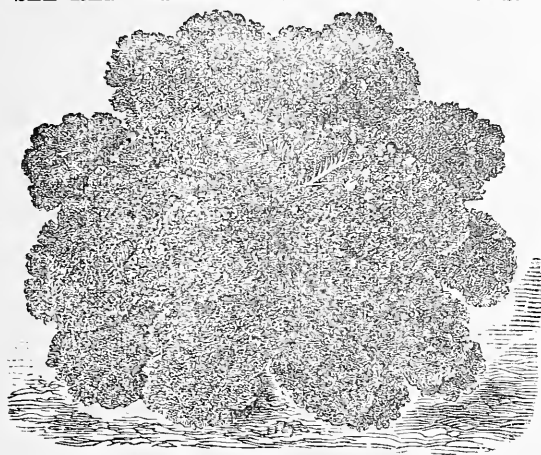
***Thyme**—Used principally for seasoning.

***Wormwood**—Fragrant and spicy odor, with intensely bitter taste. Leaves used as a tonic and a dressing for flesh bruises.

SEEDS FOR FLAVORING, MEDICINAL AND OTHER PURPOSES.

Dill, Pumpkin, Celery, Water Mellon, Musk Melon, Etc.

SEE RED INSERT—PAGE 80—FOR PRICES.



Kale—Dwarf Curled Scotch.

¼ oz., to 100 feet of row. 2 lbs. to the acre.

KALE or BORECOLE

Ger.—Blattenkohl.

Scand.—Groenkaal.

(One ounce will produce about 5,000 plants.)

Dwarf Curled Scotch—Kale makes excellent greens for fall and are improved when slightly frosted. Cultivate same as Cabbage. Beautifully curled, very hardy.

Tall Green Curled Scotch—Always a favorite.

KOHL RABI

¼ oz. to 100 feet of row, 4 lbs. to acre.

Ger.—Kohl Rabi.

Scand.—Kaalrabi.

White Vienna—Turnip rooted; small, white, very tender and delicious when young.

Early Purple Vienna—An early variety with a bright purple bulb. The leaves and stems being green and tinged with purple.



**Kohl Rabi
White Vienna.**

**For Prices on all Vegetable
Seeds—see red insert
page 80**

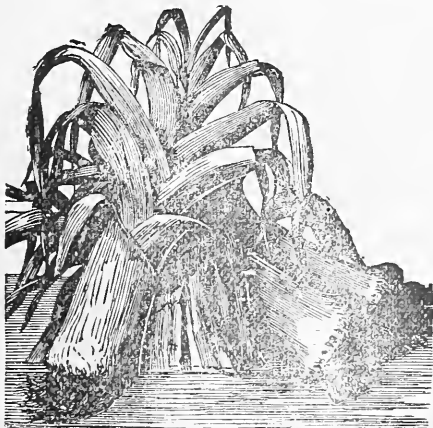
LEEK

½ oz., to 100 feet of
drill. 4 lbs. to acre.

Ger.—Lauch.

Scand.—Purre.

American Flag—A strong growing variety, producing large, thick stems of sweet flavor when properly blanched. Leeks are hardy and flavor is improved by frost.



Leek—American Flag.

LETTUCE

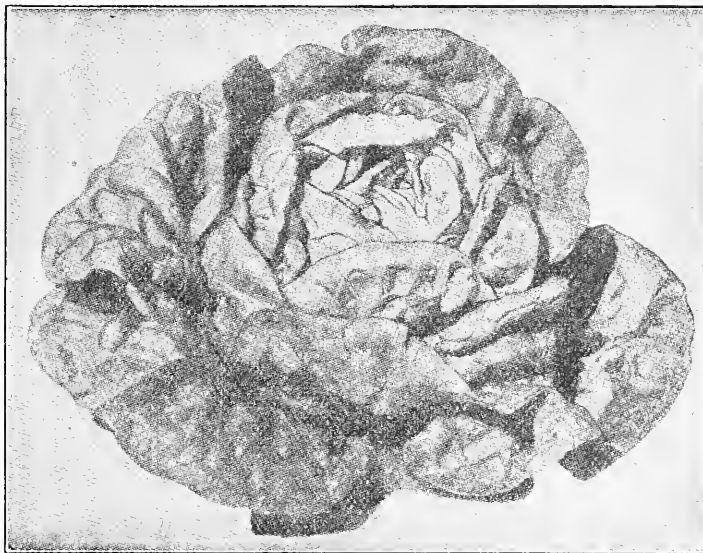
Ger.—Gartensalat.

Scand.—Salat.

¼ oz. to 100 feet of drill. 3 lbs. to the acre.

Lettuce is represented by four distinct classes or types—by the thick-leaved, smooth-edged cabbage heading type; the curly leaved bunching or non-heading type, and the Cos or celery type. There are early, medium early and late varieties of each type, and thin-leaved, tight-heading, crisp type; the curly and thin, as well as those especially adapted for greenhouse, hot-bed, winter, spring, summer and autumn uses. There is so great a difference in localities in regard to the value of lettuce, that a uniform rule for culture cannot be adopted. For the ordinary house garden it is desirable to use one variety of each type and several plantings should be made to secure a succession. The seed should be planted in rows eighteen inches apart, as early as possible, and the young plants of cabbage varieties should be thinned to four inches apart. Varieties that do not head may be left quite thick and when fairly well grown those thinned out may be used.

FOR PRICES SEE RED INSERT—PAGE 80.



Lettuce—May King.

HEADING VARIETIES

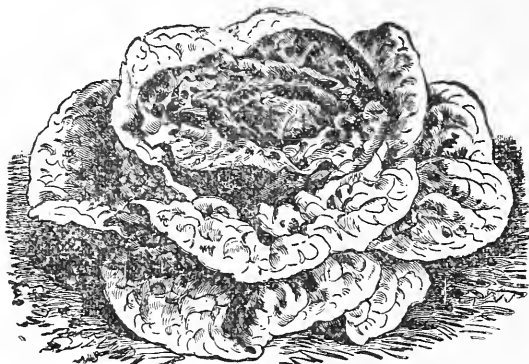
May King—A few years ago it was hardly known in America, now it is found in the gardens of nearly every up-to-date grower. It simply forced its way to the front on its sterling merits. It grows very quickly even in the cold weather of early spring. The habit of growth is very compact and close; in fact the plant is about all head. Outer leaves light green, inner leaves bright yellow and of a fine, rich, buttery flavor. Heads weigh from 12 to 16 oz., and are so solid that they carry to market in perfect condition.

Crisp as Ice—A beautiful Lettuce of medium size and medium early. Very compact, forming firm heads with rich golden hearts. The leaves are broad, twisted and crumpled and of a very attractive dark bronze green color; unsurpassed in delicacy of flavor, tender and brittle. Well warrants the name "Crisp as Ice." Becoming immensely popular.

Improved Hanson Head—A large summer heading Lettuce; very crisp and tender and slow to run to seed; is tender at any stage of growth.

Prize Head—White seed, large, loose heading variety of exquisite flavor; leaves curly, tipped reddish brown. A great favorite with all.

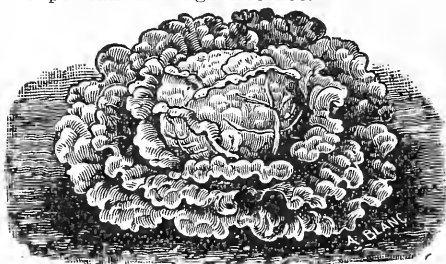
California Cream Butter or Royal Cabbage—A very popular variety for autumn and winter use. Forms a very large head, which is very buttery and of rich golden-yellow inside. The leaves are thick and of bright green, slightly tinged with brown on top of head, and the outer leaves are slightly spotted with inconspicuous brown spots. Easy to grow and a good shipping variety.



Lettuce—Big Boston.

Big Boston—The well known and popular hothouse variety of New England. Needs to be quickly grown to be of good flavor. Light green cabbage variety, slightly tinged with brown on the head. Forms a compact buttery head.

New York Head—This Lettuce originating near New York is a sure header, very tight and solid. It is the variety so extensively grown for the California markets under the name of the Los Angeles or Wonderful, and in some sections under the name Neapolitan Cabbage Lettuce.



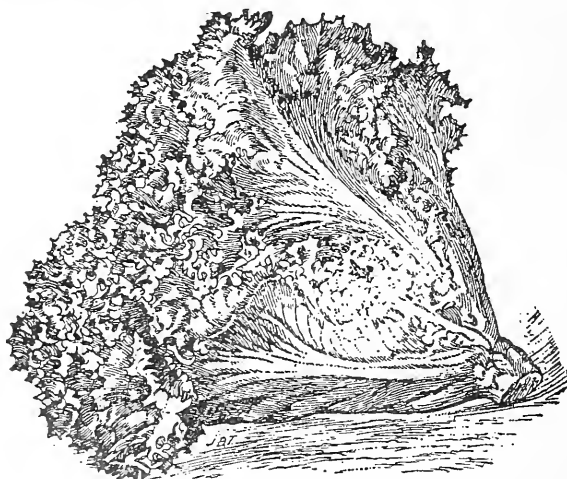
Lettuce—Boston Market or Tennisball, W. S.

Boston Market or Tennisball W. S.—Smooth-leaved heading variety for late summer use or will stand forcing very well. Its solid, compact habit and good flavor are much sought for.

Salamander—The most popular variety for withstanding the hot weather, and forming a close sure head; very solid, of medium size and excellent quality.

FOR PRICES SEE RED INSERT—PAGE 80.

LOOSE LEAVED VARIETIES



Lettuce—Grand Rapids.

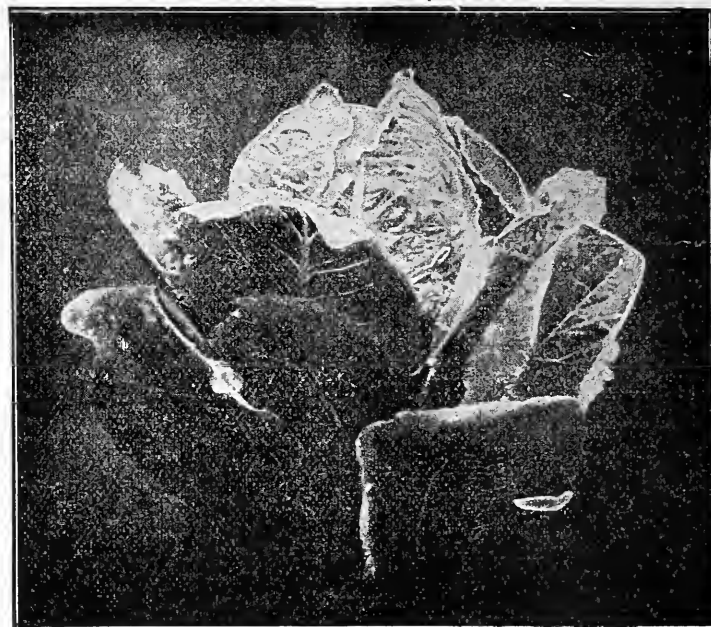
Grand Rapids—A popular variety for greenhouse planting and will make a quick growth under adverse conditions. Its upright habit permits close planting.

Early Curled Simpson or Silesia—(White Seeded)—A very extensively used early loose leaved or clustering variety. The leaves are light green in color, slightly frilled, crisp, sweet and tender. This sort is especially adapted for sowing thickly and cutting when the plants are young. Does not wilt easily.

The Morse—A large loose-bunching or non-heading variety. Invaluable for forcing. Very crisp and of fine flavor. In color it is a light green and very attractive.

Black Seeded Simpson—A splendid variety either for forcing or outdoor cultivation. Large loose heads of light green color, very crisp and tender.

ROMAINE, COS, OR CELERY LETTUCE.



Lettuce—Paris White Cos.

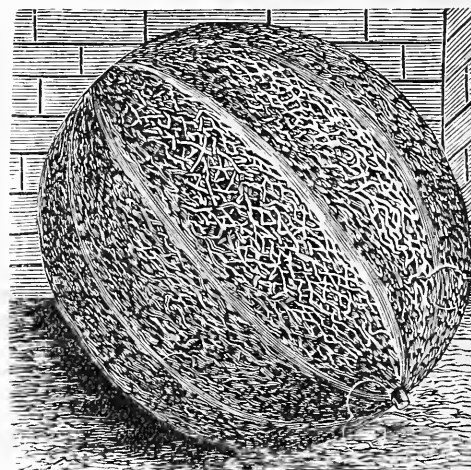
Paris White Cos—Distinct variety of upright growth; leaves should be tied together near top when they soon become crisp and delicious as celery stalks, and eaten in the same manner.

MUSKMELONS

One ounce will plant about 50 hills, 2 to 3 lbs. in hills per acre.

Culture—A rich, deep sandy loam, well worked and highly manured with old rotten compost is of the first importance. Plant when all danger of frost is over, in hills 5 to 6 feet apart each way; scatter a dozen seeds to a hill, and after they are out of danger from bugs thin to 3 or 4 plants. When they have 4 or 5 rough leaves pinch off the end of the main shoot, which will cause the lateral branches to put forth fruit sooner.

GREEN FLESHED VARIETIES.

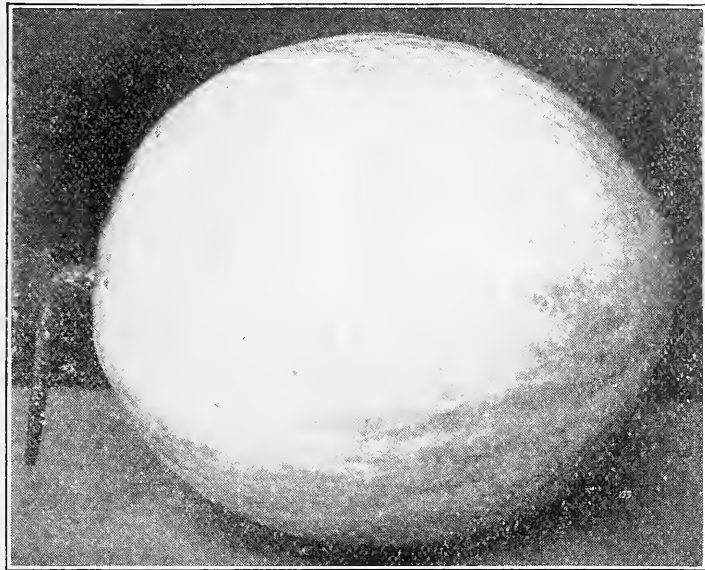


Muskmelon—Rocky Ford or Netted Gem.

Rocky Ford or Netted Gem—Is a valuable introduction, and has attained in an incredibly short time a national reputation. It is of the Emerald Gem type, oval in shape, averaging from four and one-half to five inches in length, of a delicious flavor; very fine and smooth grained flesh, of a light green color throughout when ripe.

MUSKMELONS—(Continued).

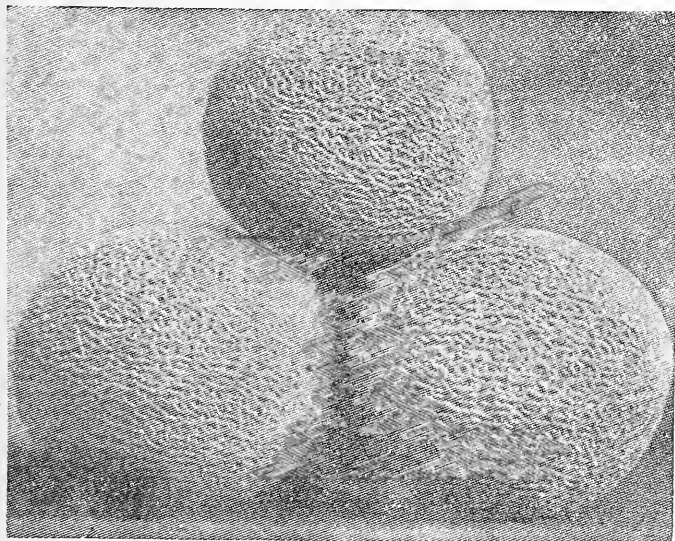
Extra Early Hackensack—Fruit attains a good size, weighing four to six pounds each. The Melons are round, heavily ribbed; skin is light green, of delicious flavor, rich and sugary. It is also a luxuriant, healthy grower, and exceedingly productive. The earliest of all large netted Melons.

**Honey Dew.**

Honey Dew—The sweetest melon of all. Average size 6 inches in diameter and 7 to 8 inches long. Weight 5 to 6 lbs. The skin is smooth and the rind though thin is very tough, of a creamy yellow color when ripe. The flesh is very thick, of a bright emerald green, very fine grained, of very sweet sugary flavor, and can be eaten to the rind. Seed cavity very small.

Jenny Lind—This is the earliest of the green fleshed sorts and one of the sweetest. It is round or flattened. In size it is small, being from three to five inches in diameter—a very convenient size for serving in halves. It is more largely grown in the great melon producing state of New Jersey than any other sort, and is used in enormous quantities in the eastern cities and at the seashore resorts.

Extra Early Citron or Early Nutmeg—A small round or slightly flattened melon, valuable as an early market sort on account of its extreme earliness, hardness and great productiveness. The skin is green, becoming yellowish at maturity. The flesh is light green, very thick and of delicious flavor.

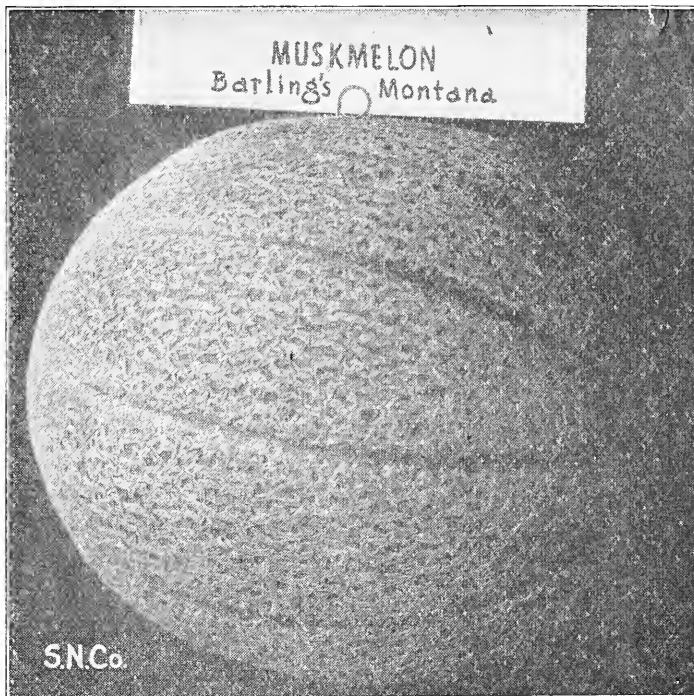
ORANGE OR YELLOW FLESHED VARIETIES.**Muskmelon—Cold Lined Rockyford.**

Cold Lined Rockyford—This new variety is one of the largest of the Rockyford type, and the seed we offer is extra choice, selected from seed originally direct from the originator. It is very prolific, of uniform size, very thick flesh, of a rich golden yellow next to the seed cavity, fruit very thickly netted. Very fine in every respect.

Emerald Gem—This has become one of the most popular of small or basket melons. The fruit is oval, slightly ribbed, densely covered with coarse netting. Flesh yellow, thick, very sweet and highly flavored.

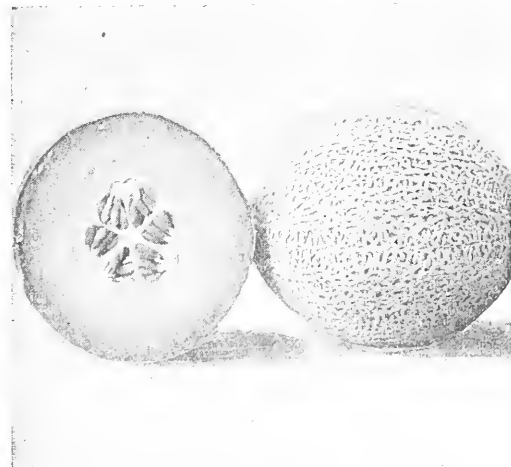
PINK OR SALMON FLESHED VARIETIES.

Burrell's Gem—A medium sized oval deeply netted having salmon or red flesh. It is larger than Rocky Ford and of an entirely distinct flavor. There is a growing demand for the fine grained smooth, salmon-red fleshed Muskmelons and Burrell's Gem seems to be one of the best in cultivation.



Barling's Montana—Ideal in size for family use, oval shape, flesh salmon-pink, thick fleshed, with small seed cavity; originated in Montana and matures with the earliest.

Osage or Miller's Cream—Medium sized fruit, oval shape, with shallow netting. Salmon fleshed, very thick and very small seed cavity. Exceptionally fine flavor.

**Netted Rock King.**

Netted Rock King—This melon is the prince of them all. Absolutely the sweetest and most luscious fleshed cantaloupe grown. Is of the salmon flesh variety. The flesh is thick and seed cavity very small covered all over by a fine green netting. It has the most exquisite texture, sugary, juicy, crisp, tender and has a delightfully aromatic flavor. This melon is the extracted honey from the honeycomb. The sweetest of them all.

Garden Lemon—Fruits short, nearly round, resembling an orange, with yellow and green markings; skin smooth, flesh very tender and of sweet flavor. Best when turning yellow. Makes good preserves.

WATERMELONS

Ger.—Wassermelone.

Scand.—Vandmelon.

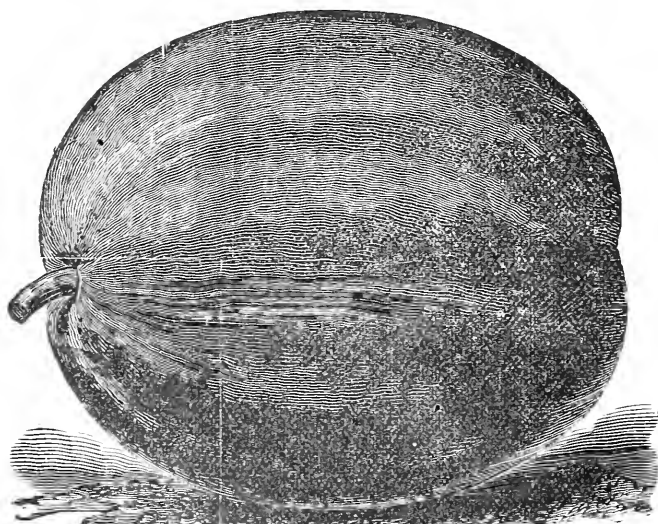
One oz. for 30 hills 4 to 5 lbs. to an acre.

The hills should be dug about 2 feet square 18 inches deep, and half filled with well-rotted manure which must be thoroughly incorporated with the soil. Plant in May, 10 seeds to a hill, and when the plants are well up, thin out to three, and pinch the ends of the growing shoots to induce early fruiting. While the watermelon is, generally speaking, a southern product, yet the cultivation of same is not confined to the south. Some of the sweetest and best melons we have seen were produced in the latitude of 45 degrees north; consequently, while the watermelon is a tropical fruit, yet our northern friends can grow them successfully.



Watermelon—Cole's Early.

Cole's Early—This is a fine variety for the family and market and is particularly adapted, on account of its earliness, to northern latitudes. For early marketing there is no superior. The bright red flesh is cool, crisp and sweet. The melons are of medium size and produced in generous numbers. The heart is surprisingly large in proportion to size of melon.



Watermelon—Fordhook Early.

Fordhook Early—One of the largest varieties and claimed to be the earliest of all. Shape nearly round. Color a medium shade of green. Flesh bright red and deliciously sweet flavor. The rind is sufficiently hard to make it a good shipper.

Phinney's Early—One of the best sorts for private gardeners who deliver direct to customers. Vines moderately vigorous, hardy and productive; fruit medium sized, oval, bright green, finely mottled; rind thin, flesh bright scarlet; solid, crisp and tender.

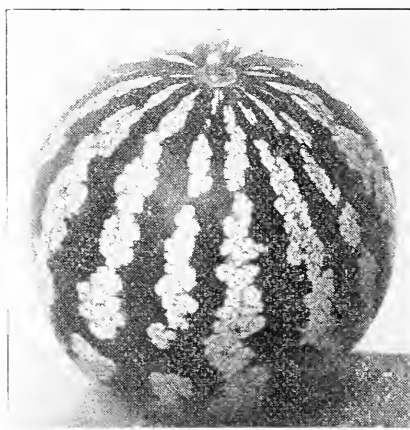
Kleckley's Sweet—The best quality of all watermelons. Large oblong melon 20 inches in length by 10 to 12 inches in diameter. The skin is dark green, flesh bright scarlet, the rind only about one-half inch in thickness. The scarlet flesh is sweet and sugary and is of such texture that leaves no strings of pulp whatever in eating. The melon is better for home use than for shipping, and we believe it is the best table melon today.

Rocky Mountain Sweet—Very early, medium size, smooth skin with mottled and dark green stripes. Flesh light red, deliciously sweet.

Improved Kolb's Gem—The standard shipping watermelon. Shape oblong, nearly round, striped and mottled, dark green. The melons grow very large and the tough thin rind, permits considerable handling and shipping. Our improved strain is a week earlier than the ordinary Kolb's Gem, grows larger and is a heavier yielder.

Ice Cream or Peerless—A popular home-market variety, with dark green, mottled skin. Flesh deep pink.

CITRON--For Preserves



Citron

CITRON—Red Seeded—Fruit round and smooth. Is not eaten raw, but is useful for making a very clear, transparent preserve of peculiarly fine flavor. Flesh, white and solid.

CITRON—Green Seeded—Same as above with green seeds.

MUSTARD

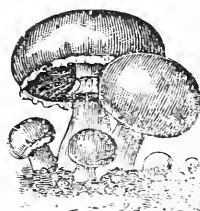
1/4 oz. to 100 feet of row. Two to three lbs. to the acre.

White—The green leaves are used as a salad when a few inches high. If sown in a warm place or in a hotbed will be ready to cut in a few days; sow frequently for a succession of crops.

Giant Southern Curled—Large variety, forming great mass of beautiful leaves, ruffled and finely curled on edges; used for salads. Hardy, vigorous, and highly recommended.

FOR PRICES SEE RED INSERT—PAGE 80.

MUSHROOMS



Practically no capital is required in the mushroom business, and the profits are most satisfactory. All that is required to grow mushrooms is almost any building or cellar, some manure, loam, and last and above all, good spawn. Our Pure Culture Mushroom Spawn is full of vigor, the kind used by the best commercial growers of the United States.

Leaflet—"How to Grow Mushrooms," free for asking.

MUSHROOM SPAWN—(Lambert's Pure Culture.)

SEE RED INSERT FOR PRICES—PAGE 80.

OKRA, or GUMBO

One oz. to 100 feet of drill. 8 lbs. to the acre.

The long tender pods of Okra are very delicious when sliced and cooked in soups. While this is the chief use, it is also boiled and served like other vegetables. The dwarf sorts may be planted in hills or in rows about three feet apart. Plant in any good soil about May 15. The pods should be gathered when very young, as they are then very tender.

Dwarf Green—An early dwarf prolific variety with thick, green pods.

White Velvet—Very tender pods, long, smooth and white.

ONION SETS

One lb. 75 feet of drill, 300 lbs. to the acre.

The Importance of Using Northern Grown Onion Sets



The planting of Onion Sets is increasing rapidly year after year. The Bottom Onion Sets produce onions ready for market six weeks earlier than can be had by sowing the seed. This enables the grower to sell his entire crop earlier in the season, at which time the prices usually are higher. It also permits the sowing of another crop on the land the same year. Bottom Sets also produce good green onions on most any soil in half the time it takes to raise them from seeds.

These are simply onions grown from seed planted late and thick. They are about as big as the end of your finger and when set out in spring they come quick and make nice green onions for bunching, or if left stand will bottom down and make big onions as from seed but much earlier. We can furnish them in the yellow, red or white. Yellow are generally the best as they are not so liable to run to seed. Multiplier sets are also good.

Sizes of Onion Sets.

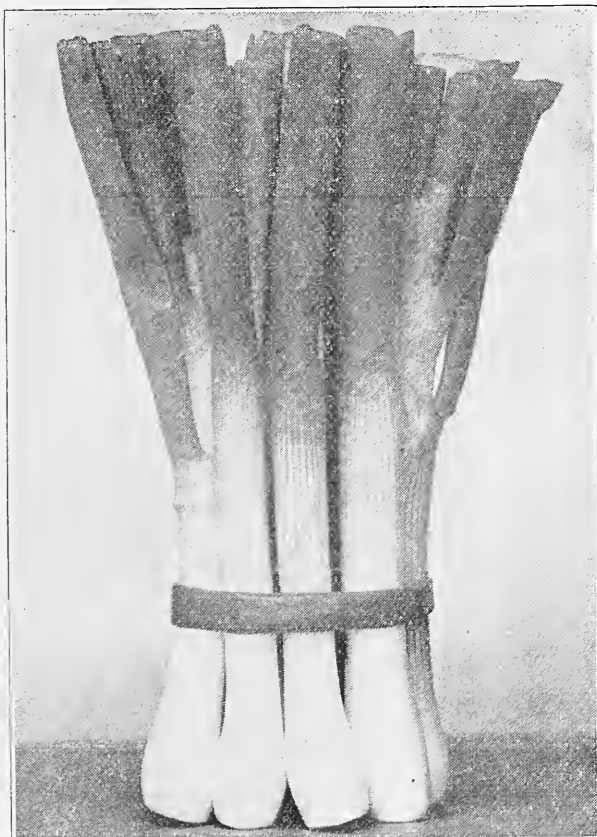
It is very important that you get onion sets of the right size. If just a little too large they will run to seed right away instead of making a good onion. The rule is to sell every set below 1½ inches in diameter, but in that case there is sure to be some too large than will go to seed. Therefore we use none above ¾ inch.

White Bottom—These are small, solid and of a beautiful silvery white; a favorite sort in private and market gardens.

Red Bottom—Bright deep red in color, even and dry. A popular variety.

Yellow Bottom—The most popular variety.

Yellow Multiplier—Often preferred on account of their earliness. Late in June they are fully ripe, and can be gathered. Very productive, 5 to 15 bulbs growing from one set out.



Grown From Egyptian Winter Sets.

Egyptian Winter—or Perennial—These sets are usually planted in the fall, being hardy everywhere. They never form large bulbs but produce small green onions weeks before any other sort. They are unsurpassed in sweetness and tenderness. The sets are produced on the top of the stalks.

FOR PRICES ON ALL VEGETABLE SEEDS—SEE RED INSERT—PAGE 80

If unable to find what you want refer to the index.

ONION SEED

Ger.—Zwiebel.

Scand.—Roedloec.

(One ounce for 200 feet of drill; 4 to 5 pounds in drills per acre.)

The best onions are grown on low, sandy, or mucky lands, with natural moisture and plenty of it.

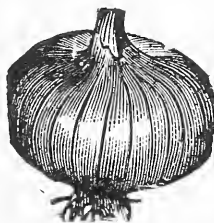
Sow the seed in March in hotbeds or in shallow boxes in the house, transplanting to the open ground in May or as soon as the ground is warm and in good condition. Follow this method for an early and successful crop.

The crop must be kept free from weeds, and it is usually necessary to weed out in the row by hand once or twice. Hoeing between the rows may be done oftener. It is not necessary to thin the plants in the row, since some thinning is naturally done during the hand weeding.

Steady, even growth is necessary to good onions and a check in growth, whether from disease or drought causes them to run to seed badly.

Different markets and localities prefer different onions. Globe onions are generally most popular and yield better than the other sorts. Flat onions are earliest and the large sized kinds have the best flavor. All seed is tested as to vitality.

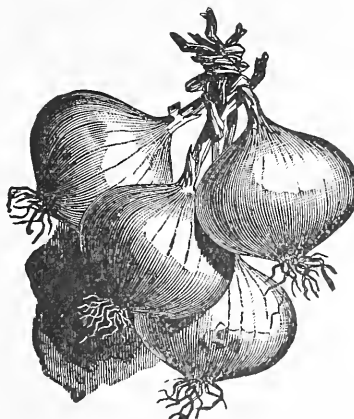
WHITE VARIETIES



White Pickling—For early bunching, pickling, etc. Small, hard, round; keeps well; does not turn green when exposed to sun.

White Portugal or Silver Skin—The best known and most largely used white onion. Is flat on the bottom and thick toward the top, very hard and firm and an excellent keeper.

Onion—Silver King.



Early White Barletta or White Queen—An exceedingly early variety growing about 1½ inches in diameter, and ¾ of an inch thick. A most excellent sort for bunching and pickling.

Mammoth Silver King—An early large white, flat variety. Is not a keeping sort nor a good shipping variety, but is valuable for home use and nearby markets. Very mild and fine flavor.

White Welsh—Distinctly a bunch onion, and ready for pulling for this purpose very early. Very mild and delicate flavor.

Onion—White Pickling.

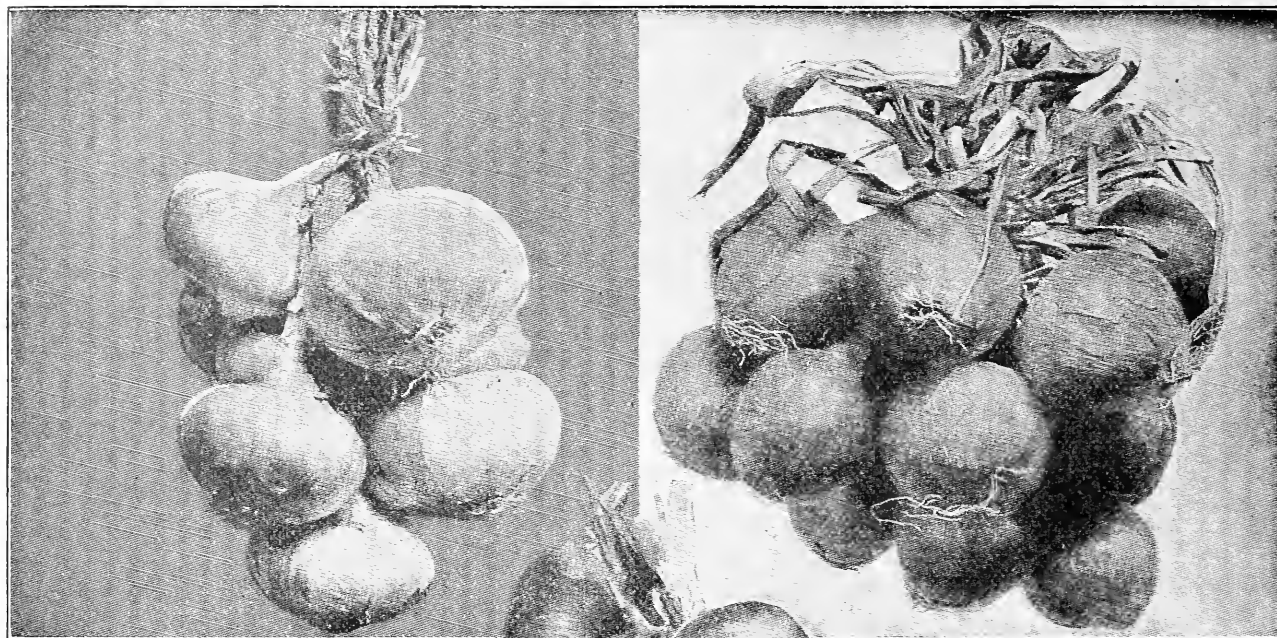
Southport White Globe—A very desirable variety which yields an abundant crop of fine large onions. Pure white color, mild flavor and equally good for keeping as the Yellow Globe. It is an enormous yielder and always sells at high prices. It is best to dry these onions in a shady place and give plenty of air.

We handle Planet Jr. Seeders and Cultivators, also Barker Weeder, Mulcher and Cultivator.

SEE LAST PAGES OF CATALOG

ONIONS—(Continued.)

FOR PRICES SEE RED INSERT—PAGE 30.



Onion—White Portuga.

Onion—Yellow Globe Danvers.

RED VARIETIES

Large Red Wethersfield—This strain of the Red Wethersfield has been especially selected for its fine color. It is the darkest red onion in existence, and where a market demands a dark red onion, it has no superior. Inclined to run a small percentage of thick necks on moist, strong soils. The very best for dry, rather poor places.

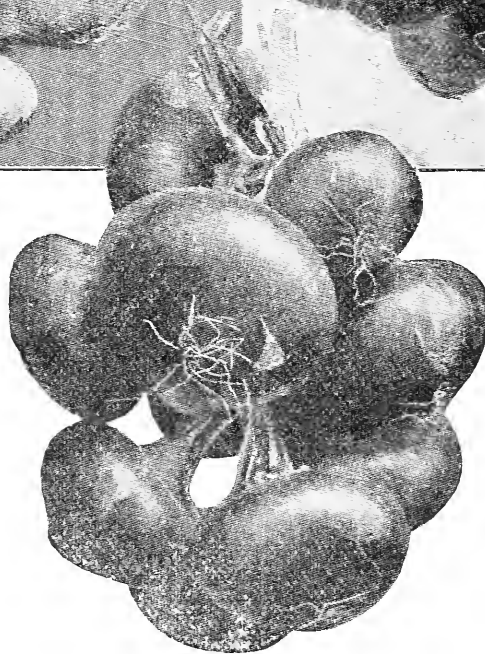
Southport Red Globe—Large globe-shaped, purplish-red variety, and an excellent keeper.

Extra Early Red Flat—The first to ripen and one of the handsomest of the red sorts. A medium sized variety and abundant producer and very uniform in shape and size.

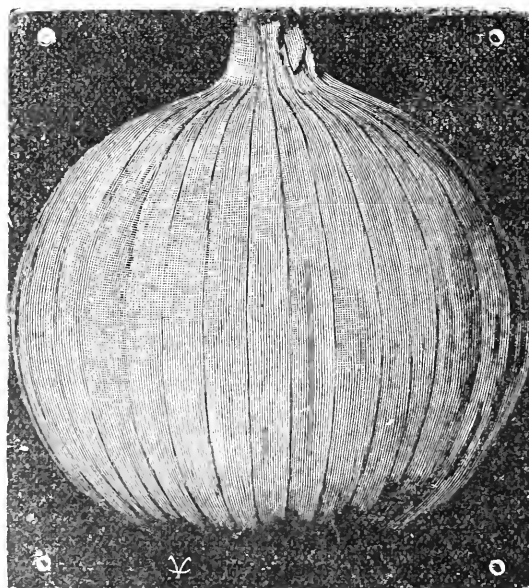
BROWN SKINNED

Australian Brown—An early and very hardy variety which does especially well in Montana. Should be planted early, on low, wet ground to get large bulbs. The skin is thick and the color is a rich brown. Is especially noted as a long keeper, as it keeps well into the spring, and much longer than other varieties.

We guarantee safe delivery of your seed order by Parcel Post if insured. See seed order blank—and add insurance fee. 5c will insure package to value of \$25.00.



Onion—Large Red Wethersfield.



Onion—Australian Brown Globe.

YELLOW VARIETIES

Yellow Globe Danvers—This onion is the standard winter sort in many markets. The shape is almost globe form and the bulbs are quite large, with thin necks, ripening down well. The skin is a fine brown orange yellow, while the flesh is pure white, solid and of good quality. Its keeping qualities are of the best. This strain is so nearly globe shaped that it passes for a globe, and its earliness makes it valuable for market. Our seed is the very best selection that care can make it.

Yellow Danvers Flat—An early productive variety. The onions are of medium size, skin coppery yellow, flesh solid, white and mild flavored. Our strain is remarkable for its freeness from thick necks and is especially adapted to the growing of Yellow Bottom Onion Sets. A very fine sort for most locations.

Prizetaker—Largest Yellow Globe Onion. Excellent keeper of finest flavor. handsome shape and enormous size, many single onions have been raised to weigh five pounds and over from seeds the last year. It is of the same type as those immense imported onions which can be seen in stores and always command a very high place.

Milsa Craig—The largest onion grown. It is a good keeper and is much liked and recommended on account of its acceptable delicate and pungent flavor. The skin is an attractive straw color. To secure the largest onions seed should be sown in hotbeds in the early spring and transplanted later to the open ground.

PARSLEY

Ger.—Petersilie.

Scand.—Persilje.

(One oz. for 150 feet of drill.)



Parsley—Moss Curled.

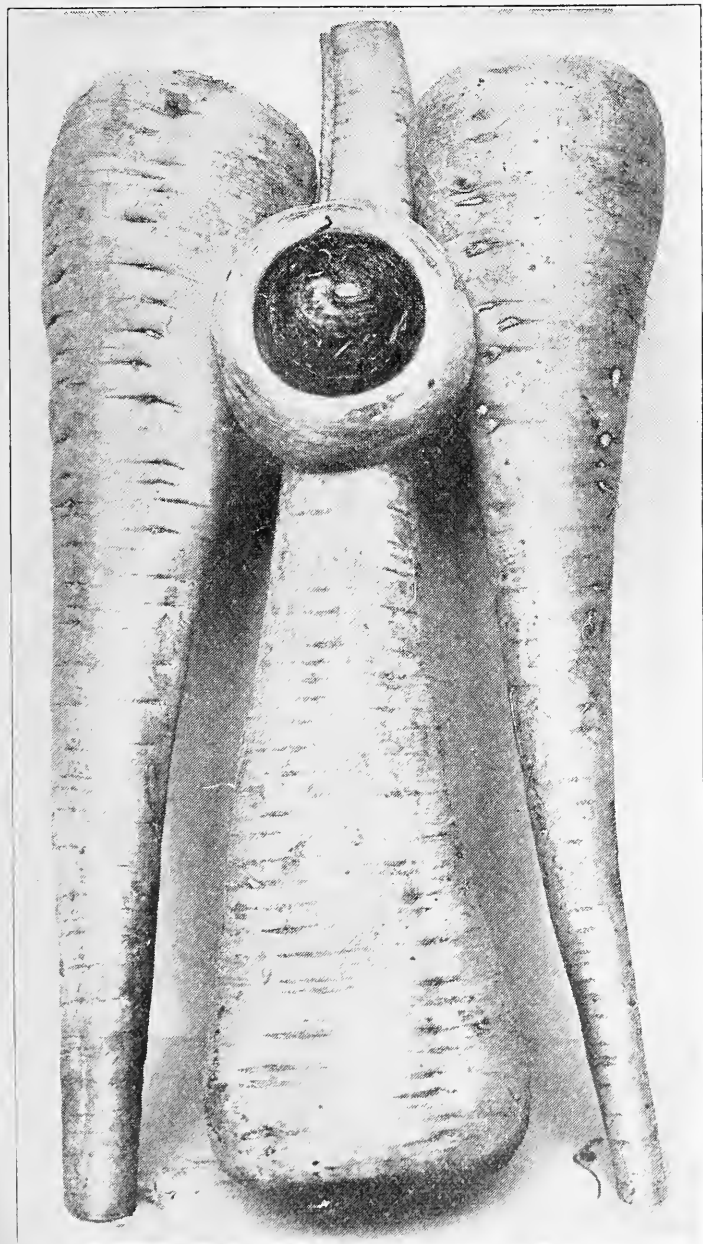
this when well grown; it is hardy and slow to run to seed; every gardener's favorite.

Extra Double Curled—In shape of leaf, color and taste this new variety is perfect. It stands heat, drought and cold better and will yield better than any other of the numerous varieties of Parsley we have ever had.

Hamburg or Turnip Rooted—Turnip rooted variety. The roots as well as the leaves are used for flavoring soups, etc. The roots are stored like Carrots for winter use.

Parsley succeeds best in rich mellow soil. As the seed germinates very slowly, it should be sown quite early in the spring, previously soaking the seed for a few hours in tepid water. Sow thickly in rows a foot apart and half an inch deep. For winter use, protect in a frame or light cellar or a few plants may be placed in pots or boxes and kept in the house.

Moss Curled—There is no more attractive variety than



Parsnip—Hollow Crown.

PARSNIPS

Ger.—Pastinake.

Scand.—Pastinak.

(One ounce for 200 feet of drill, 5 to 6 lbs. in drills per acre.)

Sow as early in the spring as the weather will admit, in drills 15 inches apart, covering half an inch deep. It is usual to take up in the fall a certain quantity for winter use leaving the rest in the ground till spring, to be dug up as required.

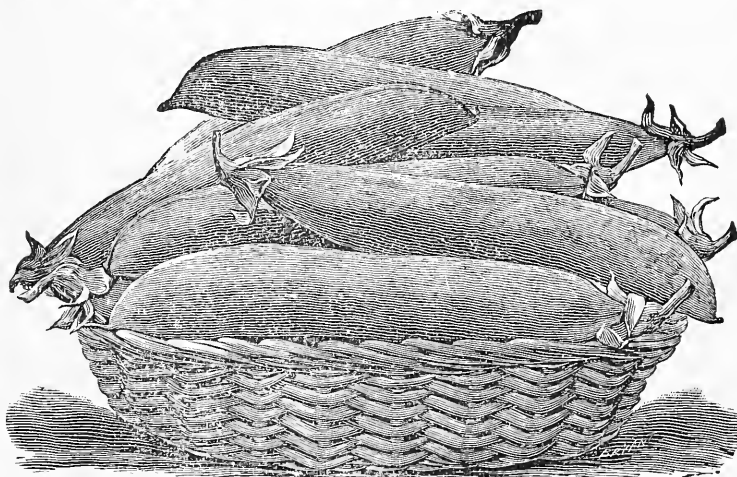
Hollow Crown—Finest variety of Parsnips known; the roots run of uniform size and are smooth. They make an excellent change from ordinary winter vegetables.

Improved Guernsey—For those who like an early Parsnip this variety will be found very useful, not as large as the longer varieties.

Sweet Marrow—A new Parsnip from Europe of especial merit. A fine grained, sweet table variety.

FOR PRICES ON ALL VEGETABLE
SEEDS SEE RED INSERT—PAGE 80.

Inoculate this
Seed with
FARMOGERM.

PEAS

Peas—Alaska.

Ger.—Erbsen.

Scand.—Dan-Nor.

(1 lb. to 100 feet of drill; 80 to 100 lbs. to the acre.)

1 lb. is a little more than 1 pint.
2 lbs. is a little more than 1 quart.

Peas—
American Wonder.

Peas are quite hardy, and for early crop sow as soon as the ground can be worked. Then sow in succession every two weeks until the first of August. They require moderately rich soil but not excessively rich or wet, or they will run too much to vine and will not bear heavily. The dwarf varieties can be planted in rows 12 to 18 inches apart, and the tall varieties 3 ft. apart. The tall varieties should be staked up by brush or tied up. By using the various classes of peas and making several sowings of each, good peas can be had for a long season. The pods should be kept picked, the plants will then continue to bear longer. For late sowing, use the Early Dwarf varieties.

EXTRA EARLY ROUND SEEDED VARIETIES.

Alaska or Earliest of All—The earliest pea on the market. The seed is smooth and of bluish color. On this account it is very popular with canners and market gardeners. Very uniform in ripening and an excellent yielder. Height 24 to 30 inches.

EXTRA EARLY DWARF WRINKLED VARIETIES.

American Wonder—In the dwarf compact growing extra earlies the American Wonder leads all others, can be grown in rows 18 inches to two feet apart. They are quite prolific; the crop can be gathered in 2 or 3 pickings and the soil cleared for succeeding crops. 9 to 12 inches high.

Inoculate this
Seed with
FARMOGERM.

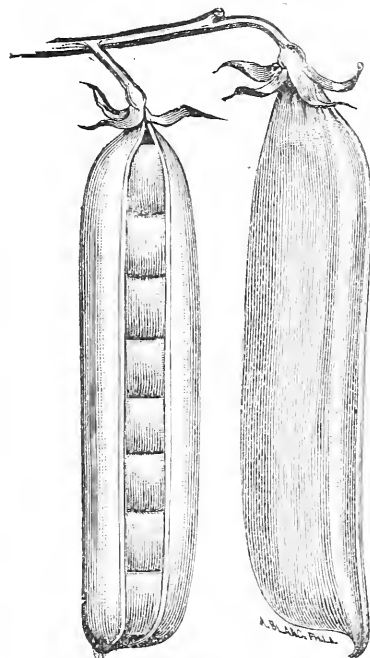
PEAS

PEAS—EXTRA EARLY WRINKLED—(Continued.)



Peas—Little Marvel.

Little Marvel—A first-early Pea of the finest quality, better than American Wonder or Nott's Excelsior. The vines of dwarf even growth, average 18 inches high, and are heavily set with fine pods, usually in pairs. The pods average $3\frac{1}{2}$ inches in length, are square at the bottom, and are well filled with quite large, deep green Peas. The Peas are ready for picking fully as early as American Wonder, but the pods are larger and the vines bear a much heavier crop. All who desire a fine crop of an early, choice variety of Peas will be delighted with Little Marvel.



Nott's Excelsior.

Nott's Excelsior—The best, very early, dwarf pea. It combines the good qualities of American Wonder and Little Gem peas. The vines are larger and more productive than American Wonder and earlier than Little Gem and average about twelve inches high. The pods are medium sized, about two and three-fourths inches long. The peas, in sweetness and quality, are unsurpassed. Seed medium sized, wrinkled, green and somewhat flattened. A most desirable early sort for the market gardener and unsurpassed for the home garden.

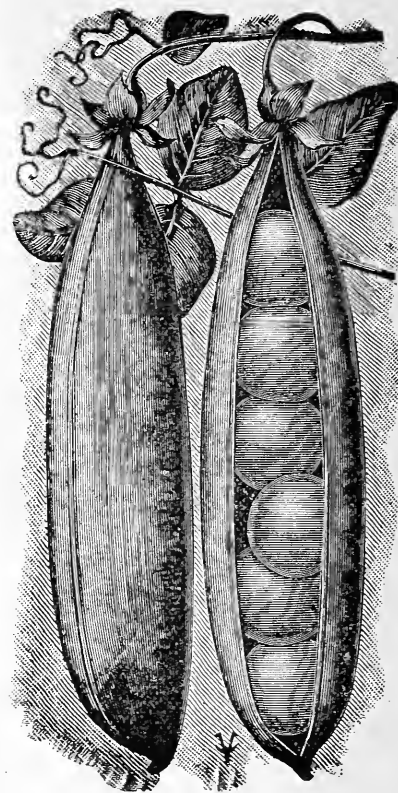
SEE RED INSERT—PAGE
80—FOR PRICES ON
ALL PEAS.

Little Gem—Height 16 to 18 inches. The vines are of dwarf growth and produce an abundance of round, well filled pods $2\frac{1}{2}$ to 3 inches long, only three days after the American Wonder. The Peas are green, wrinkled, of sweet, delicious flavor and excellent quality. One of the best for family use. It remains fit for use longer than the American Wonder and Nott's Excelsior, and is thought by many to be sweeter.

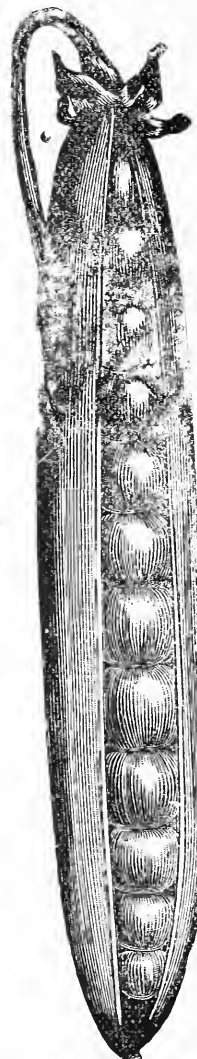
EARLY WRINKLED VARIETIES.

Carter's Daisy or Early Dwarf Telephone—Dwarf, large podded, needs no brush. The striking features of the Daisy pea are its large pods and the way in which they are heaped up in ridges on the short, strong vines. The pods are nearly double the size of American Wonder or Little Gem, and are always well filled with large peas of most excellent quality. The vines are 16 to 18 inches high, and being strong and thrifty, require no support, making it an ideal variety for use where brush or stakes are not available. This pea is desirable on account of the fine appearance of the pods, and always finds a ready sale.

Gradus—The most popular high quality extra early, wrinkled pea. This remarkable pea is not only large and of the best quality, but is within two or three days as early as the small round extra early sorts. Gradus is a wrinkled pea, growing about 30 inches high; the pods are of a bright green color, measuring 4 inches with luscious peas, 8 to 9 or more in a pod. The peas are of the highest table quality and retain in a remarkable manner their color and attractive appearance after cooking. A grand pea in all respects.



Peas—Gradus or Prosperity.



Laxtonian.

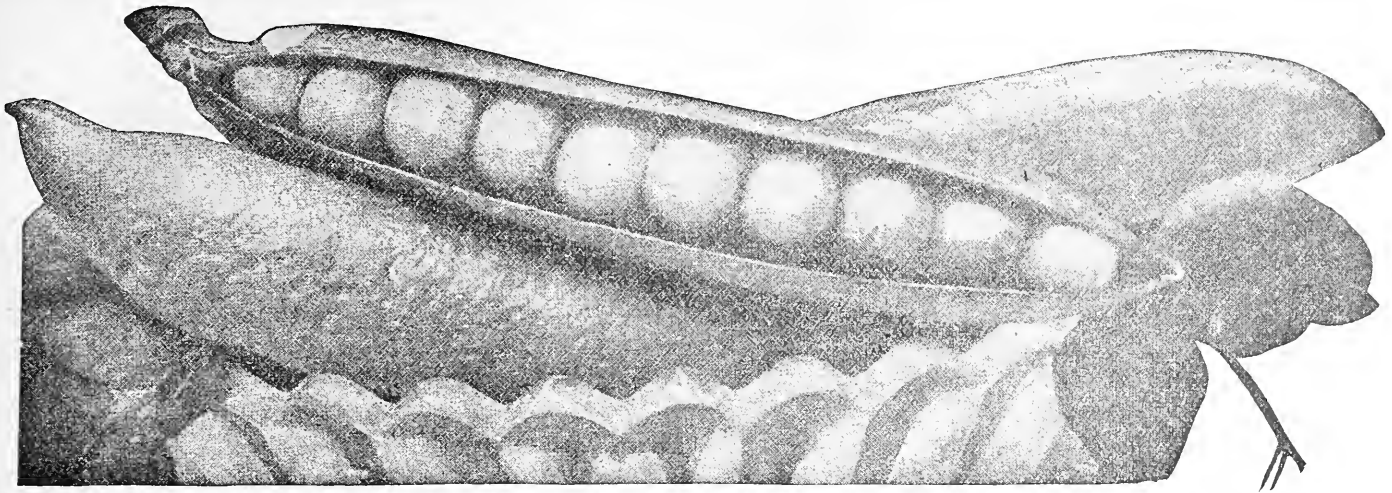
Laxtonian—A very fine dwarf early Pea. The largest podded of the early dwarf wrinkled varieties. Has no superior for either quality or productiveness. Ready to use within a very few days of the very earliest types. Similar to Gradus in shape. Vines grow to an average height of about fifteen inches. The pods are four inches or more long, slightly curved, with a sharp curve at the end. Contains eight to ten wrinkled luscious peas of finest flavor. Almost double the size of any other early dwarf wrinkled pea. Ready for the table in about sixty-five days. One of the few peas to receive the "Award of Merit." Pods grow near the top, making them easy to pick. One of the largest yielding varieties. Vines are vigorous, foliage dark green, which enables it to resist the extreme conditions to which Peas are subjected in many sections of the United States. A good pea for the market grower or for the home garden. A pea of real merit.

SEE RED INSERT—PAGE 80—FOR
PRICES.

MAIN CROP VARIETIES.

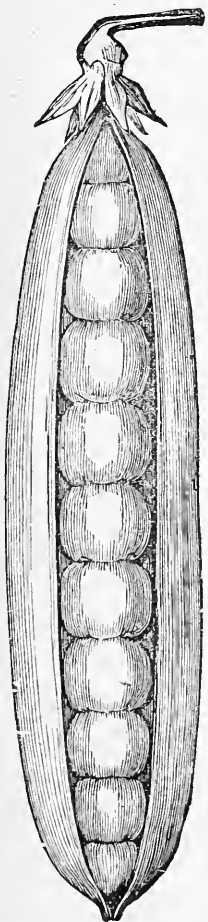
Champion of England—This has been considered for a long time the standard main crop or late Pea for summer use. From this variety has sprung the whole race of green wrinkled Peas. The vines are very vigorous and productive, bearing an abundance of large, well filled pods. The Peas are light green, wrinkled, of fine quality and delicious flavor. Hardly any Pea is sweeter than this. 4 to 5 feet in height.

Large White Marrowfat—The vines of this tall variety are about five feet high and of strong growth. The pods are large, about three inches long, cylindrical, surface somewhat roughened, light colored and well filled. Seed large, smooth, round and light creamy yellow. It is desirable for summer use but is not as sweet and tender as most sorts, although undoubtedly one of the most productive of the garden varieties.



Peas—Roosevelt.

Roosevelt—This splendid pea is of the same large podded type as the Telephone but the pods are larger and the peas sweeter. The Roosevelt Pea surpasses all other large-podded varieties in another particular, that of productiveness. In other words, a pint of Roosevelt pea pods will yield as many shelled as a quart of most other sorts. Quality is always to be preferred to quantity, but a pea which will give better quality and larger quantity is the pea to plant; that pea is the Roosevelt. Height four feet.



Peas—Telephone.

Telephone—Medium late. This fine pea has proved a valuable acquisition, vines vigorous, growing about four feet high and producing an abundance of large pods filled with immense peas, which are tender, sweet and of excellent flavor. It has sterling merit, which gardeners appreciate.

Melting Sugar—Edible pods. We consider this the best of the edible-podded sorts, in which the pods are used when half grown and are cooked in the same way as snap beans. The pods of Melting Sugar are very large, four to four and one-half inches long, broad, often curved or twisted, and when young, stringless, very tender and finely flavored. The variety we offer, sometimes called Mammoth Melting Sugar, is very prolific, strong growing, about four to five feet high, with large light colored foliage.

FOR PRICES ON ALL VEGETABLE SEEDS—SEE RED INSERT—PAGE 80

PEPPERS

Ger.—Pfeffer. Scand.—Spanskpebr.

One ounce will produce 1000 to 1500 plants.

Large Bell or Bull Nose—Flesh thick, hard and less pungent than most other varieties, excellent quality for use in salads or for stuffed peppers. Sometimes three to four inches in length.

Sweet Mountain—Vigorous and productive, fruit is large and smooth, flesh thick, fine flavor.

Cayenne Long Red—Pods are small cone shaped and red, hot and pungent, used for pickling.



Pepper—Large Bell or Bull Nose.

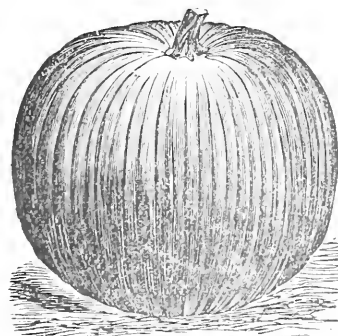
PUMPKINS

Ger.—Melonen-Kuabis.

Scand.—Graeskar.

(One ounce for 25 hills—three lbs. to the acre.)

Culture—The common practice is to drop two or three seeds in every third or fourth hill in the cornfield, but if cultivated on a large scale, the seed may be sown in hills 8 feet apart each way, four plants to each hill.



Pumpkin—Connecticut Field.

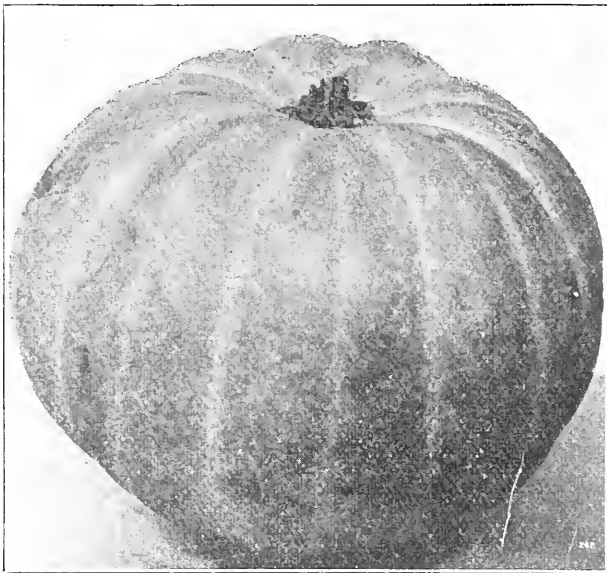
Tennessee Sweet Potato—One of the best varieties for home gardens.

King of the Mammoth or Jumbo—The largest of all the Pumpkins.

Japanese Pie—An early crook-neck variety. The seeds are marked very curiously. Flesh deep yellow of fine quality. Keeps well.

Connecticut Field—An immensely productive, large orange colored field pumpkin. Usually grown for stock feeding, but it also makes good pies. The standard field pumpkin.

We guarantee safe delivery of seed orders when insured. Five cents additional with your order insures a package to value of \$25.00.

PUMPKINS—(Continued.)**Pumpkin—Large Cheese or Kentucky Field.**

Large Cheese or Kentucky Field—A most popular variety. The fruit is variously colored in yellow, drab red and orange, and varies in size, but is usually very large. Flesh tender and of excellent quality. Extra fine quality for family and market use.

Early Small Sugar or Pie—A medium or small sized Pumpkin; very productive, and very sweet. The best for home use.

Winter Luxury—Medium size, nearly round, skin a beautiful deep orange yellow, finely netted. Very productive, sweet, tender, and an excellent keeper.

RADISH

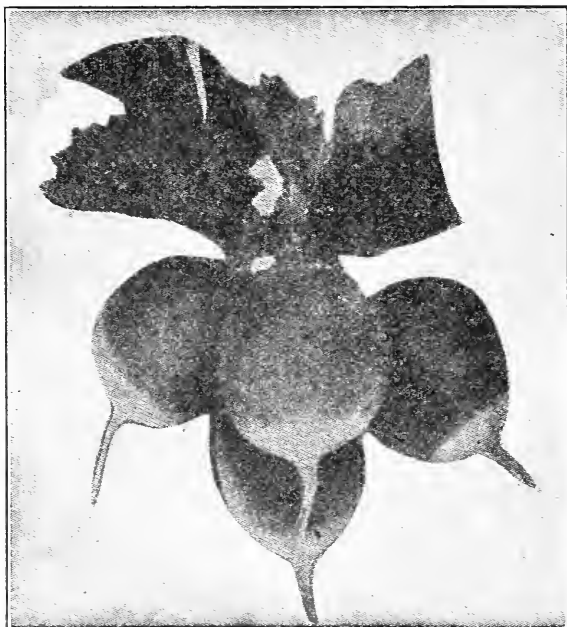
Ger.—Radies.

Scand.—Reddik

One ounce will sow 100 feet of drill, 8 to 10 lbs. to the acre.

Being a root crop, good brittle Radishes require light, well worked soil, made very rich and mellow to insure quick growth. If permitted to grow slowly, they become tough and pithy. They are easy to grow and frequent planting will insure a constant supply for the table. Thin the very young plants somewhat to prevent crowding. Summer varieties can be sown all spring and well into summer. Winter varieties, however, require some time to mature; the seed of these should be planted in June or July.

EARLY ROUND VARIETIES.

**Radish—Early Scarlet Turnip White Tipped.**

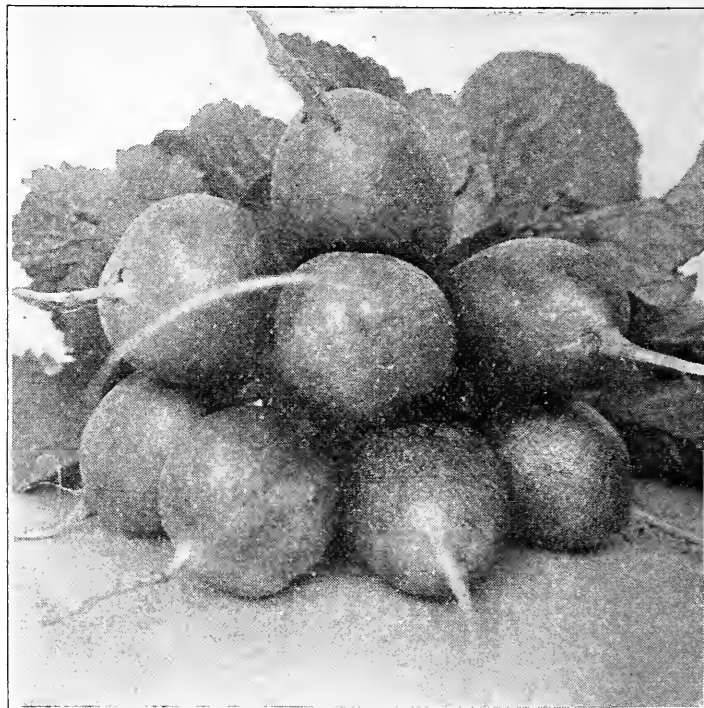
Early Scarlet Turnip White Tipped—A splendid early Radish, very attractive appearance; its white tip and deep scarlet are always pleasing to the eye. Very tender and of good flavor.

Early Scarlet Turnip—A well-known favorite Radish for early home and market use. Matures quickly, crisp and of good flavor.

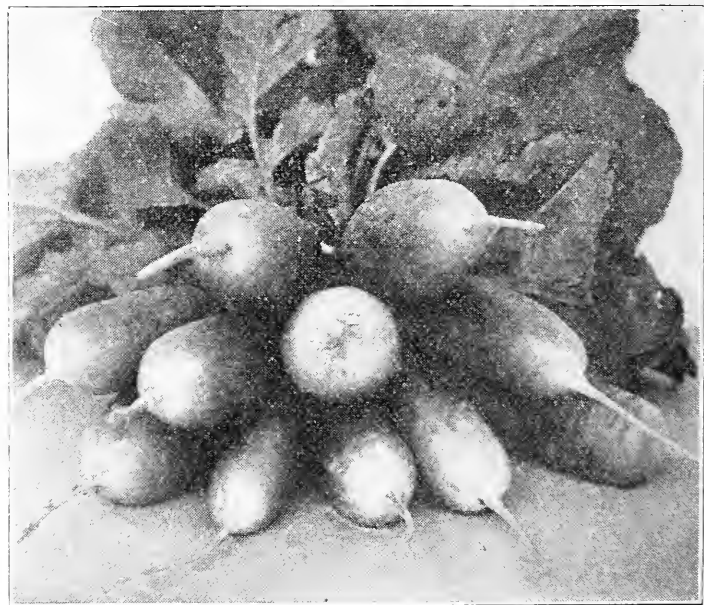
Non Plus Ultra or Early Deep Scarlet—The roots are small, round and deep rich scarlet in color. They make a very quick growth, and are ready for use in from 20 to 30 days after sowing of seed. The flesh is white, crisp and tender, and of remarkably fine quality. The seed we offer is of the very finest strain.

Early White Turnip—A very quick-growing, small turnip-shaped variety. Color, clear white; very mild flavor.

Crimson Giant Turnip Forcing—A variety extraordinary, in that while growing to an unusually large size, is always tender and of mild flavor. It remains in perfect condition a remarkably long time and unlike other forcing varieties, does not become pithy even when twice their size in diameter.

**Radish—Early Scarlet Globe.**

Early Scarlet Globe—One of the earliest; flavor mild, crisp, juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy.

**Radish—French Breakfast.**

French Breakfast or Half Long—Medium size, olive-shaped Radish, small top, scarlet except at the tip, which is white; a splendid table variety for either forcing or outdoor culture. Makes rapid growth. A great favorite.

FOR PRICES SEE RED INSERT—PAGE 80.

RADISK—(Continued.)

SUMMER RADISHES
LONG VARIETIES.

Grow larger than early varieties and remain in good condition longer.

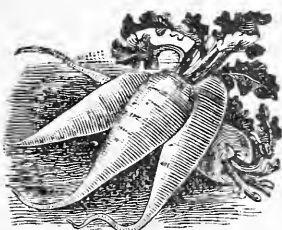


Radish—Icicle.

Long White Vienna or Lady Finger—An extra-fine garden radish. Both skin and flesh are pure white; the flavor is quite mild, and the roots seldom become pithy, remaining in good condition for a considerable length of time.

White Icicle—The roots of this Radish grow about six inches long, are of transparent whiteness with short leaves, and make their growth very quickly. It is of excellent flavor and equally valuable for home use and market gardeners.

White Strasburg—In our opinion there is no better Radish grown; the roots are white and grow to a large size, four to five inches long, for sweetness, tenderness and flavor it is unequalled. Keeps crisp and tender for a very long time.



Radish—White Strasburg.

Long Scarlet Short Top—This bright scarlet short topped sort is about 5 inches long, growing half out of the ground; is uniformly straight and smooth, crisp and brittle; an excellent variety for private gardens or market.

Cincinnati Market—An early variety, splendid for forcing or open ground. The tops are small and they stand close in the row, straight and smooth—clear bright red in color—flesh very tender.

FOR PRICES SEE RED INSERT—PAGE 80.

WINTER VARIETIES.

Do not sow until the latter part of June.

China Rose—One of the best fall and winter varieties, firm, white flesh.

Mammoth White China or Celestial—Flesh solid and brittle; pure white; flavor mild or slightly pungent. A splendid keeper for use in winter; very showy.

Long Black Spanish—The latest and hardiest of all the winter Radishes; roots black, long, large and good keeper, pull before severe frost and store in camp sand in root house.

Round Black Spanish—A round form of above.

Sakurajima or Mammoth Japan—This is a mammoth variety, and is said to be the largest variety that is obtainable in Japan. Very tender and round.

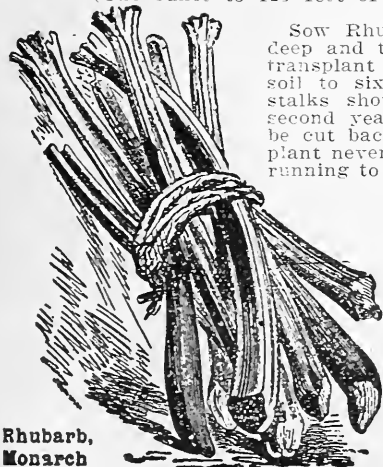
Nerima or Mikado—A wonderful product of the Orient, with snow-white flesh very tender and under good conditions growing from two to three feet in length.

RHUBARB

Ger.—Rhababer.

Scand.—Rhababer.

(One ounce to 125 feet of drill, 1 lb. to acre.)



Sow Rhubarb seed in drills one inch deep and thin out to six inches apart; transplant in the fall to deep, manured soil to six feet apart each way. The stalks should not be pulled until the second year. The bloom stalks should be cut back well to the crown and the plant never allowed to exhaust itself by running to seed.

Monarch—Largest and most productive variety known. Will grow 15 to 20 inches long and fully 1½ inches broad. A popular variety.

Victoria—Very large, highly colored and of good flavor.

SALSIFY OR OYSTER PLANT

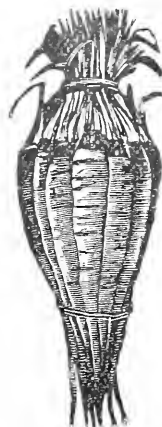
Ger.—Hafer-Wurzel.

Scand.—Havrerod.

(One ounce will sow 100 feet of drill, 5 pounds to the acre.)

Culture—Sow the seed in light, deep soil, early in spring, in drill 12 inches apart and 1 inch deep, thinning out the young plants to 4 or 5 inches. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring, but should be dug before commencing their growth.

Mammoth Sandwich Island—We consider this the largest and most profitable salsify in cultivation; roots are two to three times the size of the ordinary salsify, and of more agreeable flavor. It is pure white in color, and invaluable to market gardeners.



Sandwich Island Salsify.

SPINACH

Ger.—Spinat.

Scand.—Spinat.

(One ounce for 100 feet of drill; 10 to 12 pounds in drills for one acre.)

The main crop is sown in September. It is sometimes covered up in exposed places with straw or salt hay during winter, which prevents it from being cut with frosts; but in sheltered fields there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks, from April to August. Spinach is best developed and most tender and succulent when grown in rich soil.



Spinach—Improved Thick Leaved.

Improved Thick Leaved—This variety grows very quickly, forming a cluster of slightly wrinkled leaves of fine color and quality. Especially recommended for market gardeners. Sow in rich ground—the richer the better. If for early spring use sow in the fall and protect the young plants with a covering of light manure or straw.

Long Standing—The best variety for family use, as it remains in good condition longer without running to seed than in other leafed sorts. Thick, well flavored leaves.

Bloodsdale Savoy Leaved—One of the best of the savoy leaved type, with thick heavily curled leaves. Very tender and tender.

Prickly Winter—One of the hardiest varieties with medium sized leaves. Very tender.

New Zealand—The stems and leaves of this variety are soft, thick fleshy and crystalline in appearance. Started early in the spring, the plants will resist heat and make strong growth during the summer.

SQUASH

Ger.—Kurbiss.

Scand.—Squash-Graeskar.

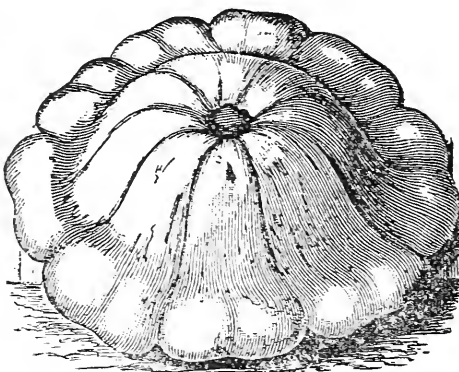
(One ounce to 25 hills; 3 to 4 lbs. to the acre.)

There are two distinct types. The Summer is cultivated for the tender young fruits which are used in the green or growing stage during the summer months. The winter Squashes produce larger hard-shell fruits, which are gathered in the fall before there is danger of their being injured by frost, and stored in a warm, dry place for winter use. A few of the varieties, notably Fordhook, may be used in either state.

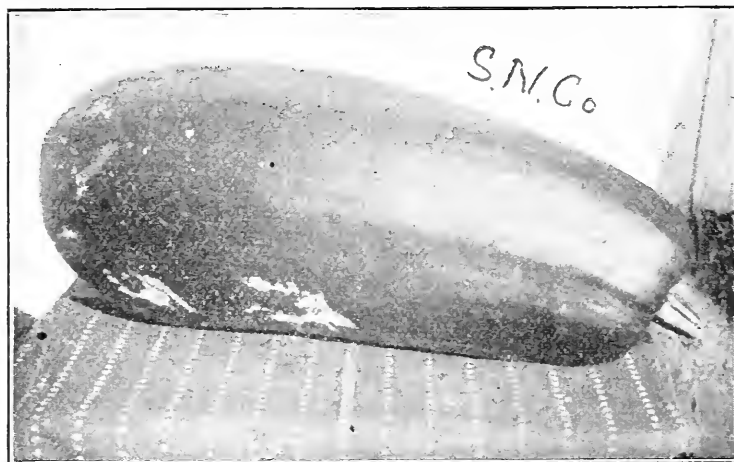
SUMMER VARIETIES

Early White Bush Scallop—The best earliest, matures in 65 days. The fruit is a beautifully waxy white of superior quality, somewhat flattened, scalloped along the edge and of medium size. It has that lasting delicious sweetness that leaves a hankering for more.

Early Summer Crook-neck—Very early medium sized, about fifteen inches long and matures in 70 days. Flesh has a deep golden yellow color, is dry and of most agreeable flavor. Is the most highly esteemed of all summer varieties.



Squash—White Bush Scallop



Vegetable Marrow.

Vegetable Marrow—The favorite English Long White sort. The fruit is very desirable in size, from 9 to 19 inches in length and from 4 to 6 inches in diameter. Skin white, flesh white, and of rich flavor. This is distinct from all other varieties of squash.

SUNFLOWER

Mammoth Russian—(For prices see red insert, page 33)

For description see Field Seeds.

BIRD SEED—SEE PAGE 117.

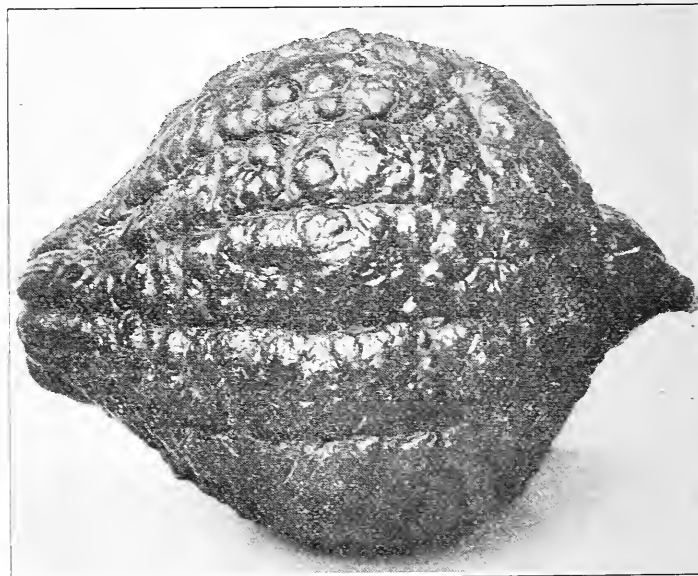
Swiss Chard (See Page 79)



Protect Your Vegetable Plants with MAG-O-TITE. See "Insecticides", last pages of this Catalog.

FALL OR WINTER VARIETIES

Red or Golden Hubbard—This is identical in size, form and fruitfulness with the Chicago Warty Hubbard, the chief distinction being that the heavily warted skin is of a rich orange yellow, turning to a deep salmon red when ripened. It is of most attractive appearance, fine quality, and should be one of the most profitable market sorts.



Squash—Improved Hubbard.

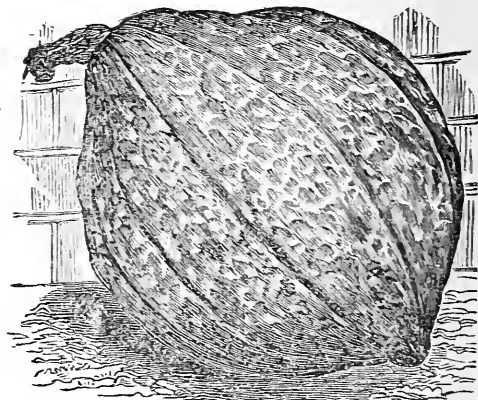
Improved Hubbard—This old and popular favorite is still one of the very best winter Squashes grown; always richly flavored. The vines are luxuriant growers and very productive, yielding large squashes of dark bluish green color, weighing often 10 to 25 pounds each. Properly stored, it may be kept from September to May.

Sibley or Pikes Peak—An excellent winter squash, similar in shape to the Hubbard. Very fine grained flesh, and a splendid keeper.

Delicious—This variety in dryness, sweetness and richness of flavor is of the first rank. The shell is green in color, the flesh of a rich orange. An excellent winter keeper.

Boston Marrow—

This is a very productive fall and winter variety of medium to large size, oval shape, and thin skin. It is much used for canning and making pies. The fruits when ripe are bright orange with a shading of light cream color. The flesh is of rich salmon-yellow color, fine grained and of excellent flavor.



Squash—Boston Marrow

Chicago Warty Hubbard—It is similar in size and quality to the Hubbard. The vines are vigorous and productive, while the large dark olive-green fruits are rather more heavily warted. Very handsome in appearance; an excellent keeper and of splendid quality.

FOR PRICES SEE RED INSERT—PAGE 80.

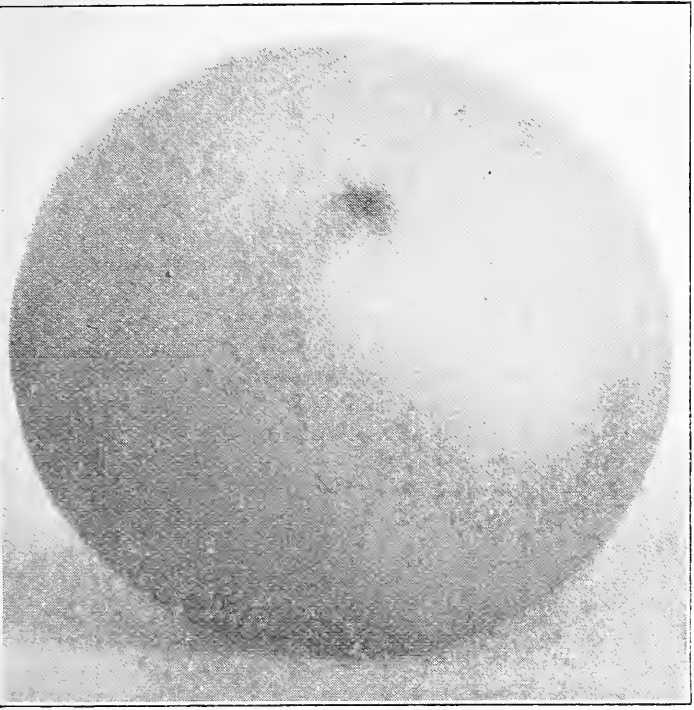
TOMATO

Ger.—Liebesapfel. Scand.—Tomat.

(One ounce will produce 2000 to 3000 plants.)

SEE INSIDE BACK COVER FOR TOMATO NOVELTIES

Bonny Best—Early Tomato. It has been tested and found ten days earlier than the Chalk's Early Jewel and ripens with the Earliana. Strong grower, very productive, ripens evenly all over, excellent shipper.



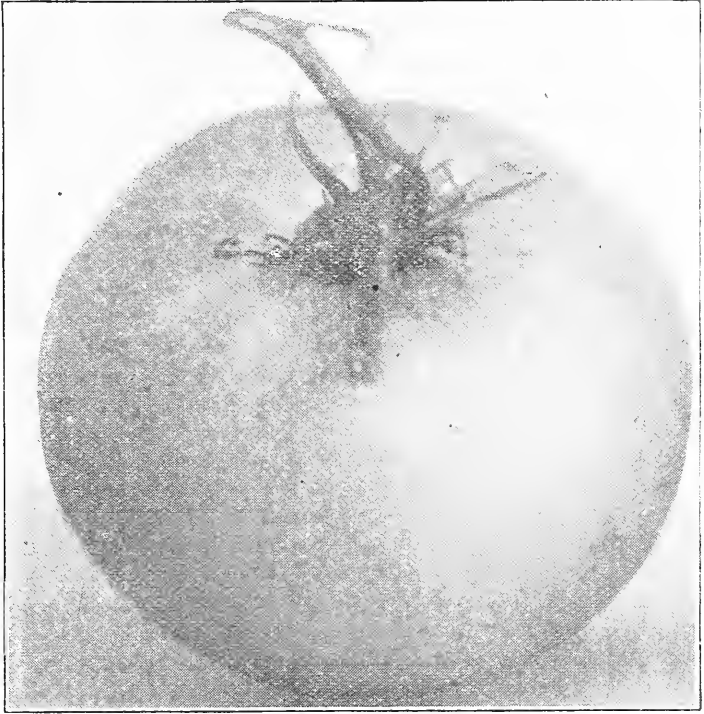
Tomato—Bonny Best.

Montana Beauty—Fruit large and smooth; excellent flavor, good shipper, the best all round variety for Montana, does not crack. Glossy crimson, with a light purple tinge.

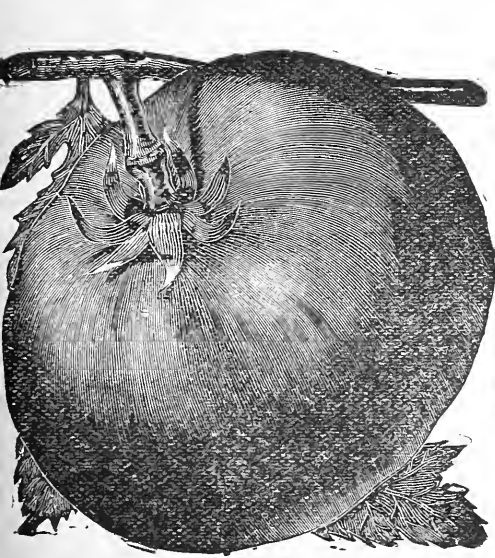
New Stone—Grown more extensively than any other for main crop variety, especially by market gardeners. Very large, smooth and solid, of a bright red color, and a heavy yielder.

Spark's Earliana—The earliest tall variety, forming ripe fruit much earlier than any other. The fruit is large, smooth, of a bright scarlet color, and of fine quality. Very valuable for early market use.

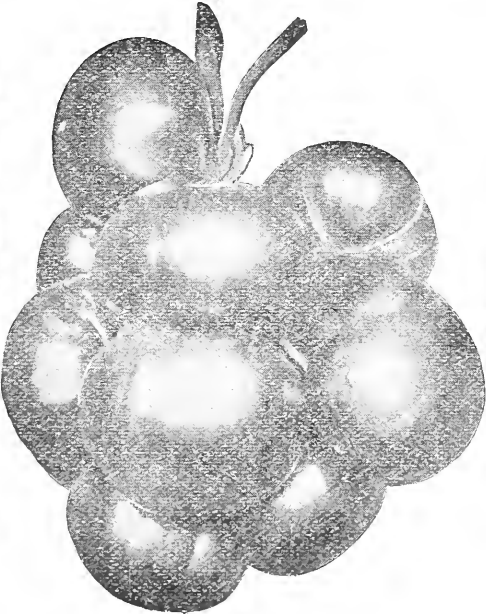
SEE INSIDE BACK COVER FOR TOMATO NOVELTIES



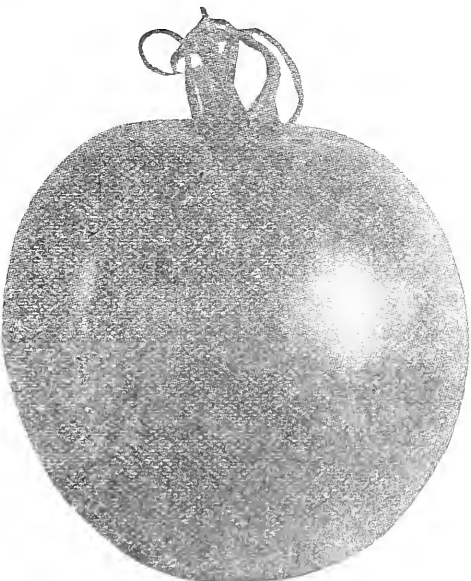
Tomato—John Baer.



Tomato—Earlibell.



Tomato—Dwarf Champion.



Tomato—Spark's Earliana.

Earlibell—One of the earliest Tomatoes known. Its heavy clusters beautifully formed, medium-sized fruits ripen several days before any other variety. Although so wonderfully early, there is none of the disfiguring corrugation found in other early sorts, while at the same time Earlibell does not crack.

John Baer—The seed of this Tomato was purchased by us five years ago from one of the largest growers in the East, who recommended it as the earliest of all tomatoes, and our experience with it bears out this recommendation. The fruit is a bright red color, of good size, round, smooth, very solid and producing very few seeds.

Golden Queen—Is solid, very smooth, free from ridges, large in size, ripens up early and is a handsome sort; in fact, in one of the most beautiful yellow varieties; excellent quality.

Dwarf Champion—On account of its dwarf, compact habit, it can be planted quite close. Wonderfully productive, the dark red-dish purple fruit being solid and firm. Of medium size. Very desirable for the home garden.

IMPORTANT

By supporting the plants less ground space is required, the fruit will ripen better and less will spoil.

TOMATOES—(Continued.)**SMALL FRUITED VARIETIES.**

For pickling and preserving. Invaluable for garnishing.

Red Pear—Fruit handsome and solid; fine for preserves.

Red Peach—

Red Plum—

Red Currant—

Red Cherry—Small fruits used for pickles, very handsome.

Winter Cherry, or Purple Husk Tomato—Makes fine sauce.

Yellow Cherry—For pickles and preserves.

Yellow Plum—Round and regular, bright yellow; used for pickles.

Yellow Peach—

Yellow Pear—

Ground Cherry, Strawberry, or Yellow Husk Tomato—Plants of low-spreading growth and immensely productive. The small yellow fruits are each inclosed in a husk. Of very sweet flavor, highly esteemed for preserving or making pies.

TURNIP

Ger.—Steckruebe.

Scand.—Turnips.

(One ounce will sow 150 feet of drills; 2 pounds will sow an acre.)

Culture—For early use, sow as soon as the ground can be worked in spring, in drills 15 inches apart, and thin to 8 inches apart as soon as plants are large enough to handle. The sowing should be made just before rain, if possible, a rapid growth being important.

For feeding stock in fall and winter there is nothing superior to turnips and rutabagas, as they are much liked by all kinds of stock and serve to keep them in good condition. We cannot too earnestly recommend farmers to increase their sowings largely for we are sure the crop will prove remunerative.

WHITE VARIETIES.

White Milan—Extra Early—Very small top, upright and compact; the clear white roots are very smooth, symmetrical and beautiful; there is no better turnip for early bunching; fine grained, tender and sweet.

Purple Top Milan—Extra Early—Very similar to the White Milan except that the roots are a little more flat, and the top of the root is purple.

Early Snowball—A medium globe shaped variety of pure white. Very solid and of the finest quality for table use.

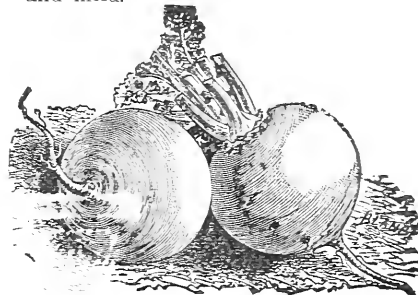


Turnip—Purple Top Strap Leaf.

Purple Top Strap Leaf—The most generally planted of any variety. It is a quick grower, the flesh is very fine grained and sweet flavored. The red top of the bulb extends down to where it rests in the soil.

Purple Top White Globe—Round, globe shaped about six inches in diameter, with smooth, white skin; flesh pure white, firm and crisp, and of quick growth. A good keeper and fine for market.

White Egg—An old favorite, egg-shaped, perfectly smooth, firm and mild.



Turnip—Golden Ball.

YELLOW VARIETIES.

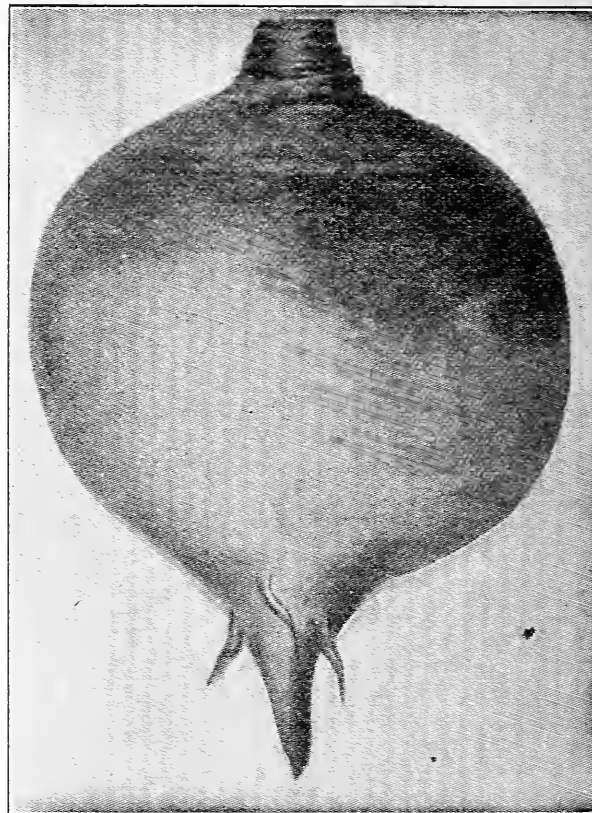
Golden Ball—The most delicate yellow fleshed turnip; of medium size form, hard and of superior flavor. Valued highly as a table variety.

RUTABAGA

Russian or Swedish Turnip.

These require a longer season in which to grow than do other turnips; the seeds should be sown about the first to the middle of June.

Bangholm—The seed of this variety of Rutabaga is grown in Denmark by "Daehnfeldt," who has been awarded a first class certificate on several occasions by the Danish government for the Best Cropping Rutabagas. An oblong globular shaped root with small neck, yellow flesh, very dark purple top and is superior to all other varieties.



Rutabaga—American Purple Top.

American Purple Top—This strain is of American origin and is a purple top yellow variety. Excellent for table use and also for stock feeding. A most desirable variety.

Prize Winner—Short neck, small top, firm flesh, symmetrical shape, united with high feeding value, great productiveness, hardness and long keeping qualities, describes the perfect Rutabaga. Every root of the Prize Winner more nearly approaches the ideal than any other strain.

Large White, or Sweet German—A very large variety, with white skin and white flesh which is tender and sweet.

Hurst's Monarch—A very distinct type of the tankard shape, very large, yielding enormously. One of the best.



Rutabaga
Danish Bangholm.

TOBACCO

One ounce will plant an acre.

Grow your own smoking tobacco.

Cultural directions—The plants should be started in a hot-bed, or in pots or boxes in the house, and transplanted outdoors, three feet apart each way, when danger of frost is past.

Connecticut Seed Leaf—Is the hardiest variety in cultivation.

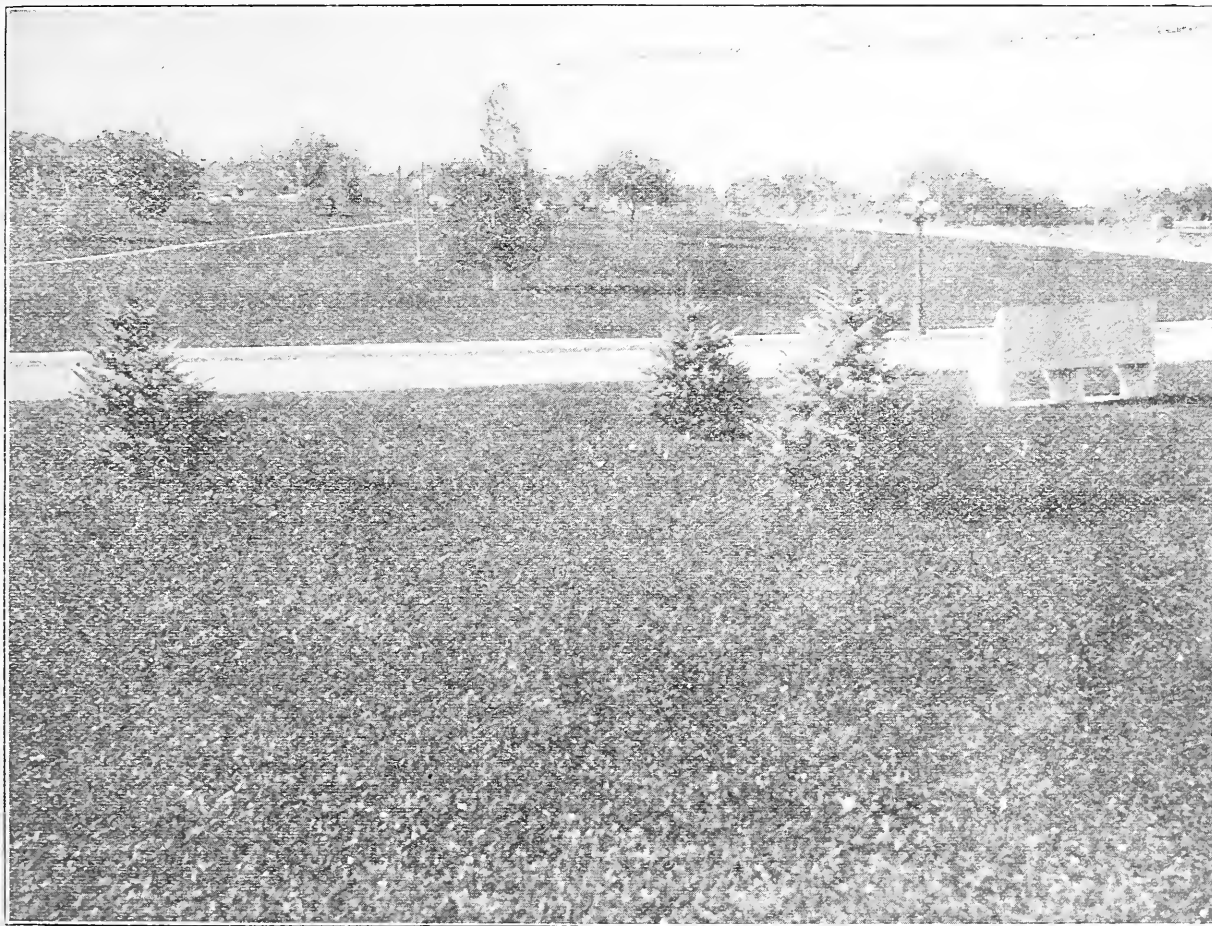
Pkt., 10c; ½ oz., 40c;oz., 75c

State Nursery and Seed Co.'s

Rocky Mountain Lawn Grass Seed

ROCKY MOUNTAIN LAWN GRASS MIXTURE is the best that can be procured at any price or under any brand. It is the result of years of scientific selection and test in this climate, and it is no unusual thing for lawns that are sown with this unequalled mixture to require cutting in thirty days or less from the time of sowing.

(Pamphlet on the Preparation and Care of Lawns, illustrated from actual photographs, FREE on application.)



Lawns in Hill Park, Helent. Sown with Rocky Mountain Lawn Grass Mixture.

Many of the trees shown are also from our Nurseries. The Evergreens shown in foreground are Colorado Blue Spruce.

Our Lawn Grass Mixture is scientifically combined. Our experience of many years has given us an intimate knowledge of grasses, their habits and requirements. In our Rocky Mountain Lawn Grass Mixture are included only the very best varieties—pure, clean and free from foul seed.

One quart will sow 200 square feet or 10x20; 5 lbs for 2,000 square feet, or 40 x50; 80 to 100 lbs. per acre or 209x200.

LAWN GRASS MIXTURE WITH DUTCH CLOVER—

Postpaid—Pint, 35c; quart 60c; 5 lbs., \$3.00; 10 lbs., \$5.75.

By express or freight at purchaser's expense—

Pint 30c; quart 55c; 5 lbs., \$2.85; 10 lbs., \$5.60.

As there are many people who like clover in a lawn we put up a mixture as above; this mixture has gained us many friends and is increasing in popularity.

ROCKY MOUNTAIN LAWN GRASS MIXTURE—

Postpaid—Pint, 35c; quart 60c; 5 lbs., \$3.00; 10 lbs., \$5.75.

By express or freight at purchaser's expense—

Pint 30c; quart 55c; 5 lbs., \$2.85; 10 lbs., \$5.60.

SHADY PLACE LAWN GRASS—

Postpaid—Pint, 35c; quart 60c; 5 lbs., \$3.00; 10 lbs., \$5.75.

By express or freight at purchaser's expense—

Pint 30c; quart 55c; 5 lbs., \$2.85; 10 lbs., \$5.60.

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. The grasses used in making this special mixture are those that are well adapted for growing in shade.

KENTUCKY BLUE GRASS—("Peerless" Grade)—

Postpaid—1 lb., 65c; 5 lbs., \$3.15; 10 lbs., \$6.15.

By express or freight at purchaser's expense—

1 lb., 60c; 5 lbs., \$3.00 10 lbs., \$5.85.

We wish to call particular attention to the cleanliness of our Blue grass.

KENTUCKY BLUE GRASS—("Placer" Grade)—

Postpaid—1 lb., 60c; 5 lbs., \$2.99; 10 lbs., \$5.75.

By express or freight at purchaser's expense—

1 lb., 55c; 5 lbs., \$2.85; 10 lbs., \$5.60.

Used extensively for lawns and parking streets; also makes excellent pasture or hay.

WHITE DUTCH CLOVER—(Peerless)—

Postpaid—½ lb., 35c; 1 lb., 60c; 5 lbs., \$3.00.

By express or freight at purchaser's expense—

½ lb., 30c; 1 lb., 55c; 5 lbs., \$3.15.

This is frequently sown to cut green for chicks and fowls; also used largely in making lawns for which this variety is especially adapted.

Placer Grade of above, postpaid, 1 lb., 55c; 5 lbs., \$2.60.

By express or freight at purchaser's expense—

1 lb., 50c; 5 lbs., \$2.40.

See Lawn Requisites—the special "Gem Rake". A novel, useful practical tool which every owner of a lawn should have.

PRICES SUBJECT TO CHANGE.

SELECT FIELD SEEDS

(Prices Quoted F. O. B. Helena)

Subject to change

No Charge for Original Sacks Unless Specially Noted.

Prices quoted on Field Seeds are those in effect at the time this catalog goes to press. We will maintain these prices as long as possible, but cannot guarantee them throughout the season. Order early while stocks are complete. Current Price of Field and Grass Seeds during the season will be quoted on request. Always state the quantity you need when asking for quotations.

Our large new fire proof Seed Warehouse, containing nearly 20,000 square feet of floor space, located near the Great Northern R. R. Depot, is in full operation. It affords us facilities for the prompt handling of large quantities of seeds second to none, and is equipped with the most modern and up-to-date machinery for the cleaning, re-cleaning and grading of seeds that scientific ingenuity can advise. All machinery is equipped with electric motor drive for power.

Ample switching facilities for car lot receipts and shipments are provided.

The completion of this up-to-date plant places the STATE NURSERY & SEED CO. as undoubtedly the most complete establishment of its character in the northwest.

Our friends and customers are cordially invited to inspect this latest addition to our plant, also our store on Fuller Avenue, and the large Nurseries, Seed Trial Grounds and Greenhouses on the Broadwater Street Car line. Courteous employes will take pleasure in showing the different departments to visitors, and a visit to Helena is not complete without a visit to this large and most interesting branch of the business family of the city.

SEEDING TABLE

WE RECOMMEND THE FOLLOWING QUANTITIES OF SEED TO BE USED PER ACRE:

An acre contains 43,681 square feet—209x209 feet.

		Broadcast.		Drilled.			Broadcast.		Drilled.
ALFALFA—For hay crop, on irrigated land	15 lbs.	12 lbs.			BROME GRASS—(Bromus Inermis)				
ALFALFA—For hay crop on dry land	10 lbs.	8 lbs.			For hay or pasture on irrigated land	20 lbs.	15 lbs.		
ALFALFA—For seed crop, on dry land or sub-irrigated	8 lbs.	6 lbs.			BROME GRASS—(Bromus Inermis)				
ALFALFA—Pedigreed GRIMM, in rows 3 ft. apart to be cultivated		1 lb.			For hay or pasture on dry land	15 lbs.	12 lbs.		
CLOVER—Medium Red, for hay crop.....	12 lbs.	10 lbs.			BLUE GRASS—For hay or pasture on irrigated land	25 lbs.	20 lbs.		
CLOVER—Alsike for hay crop.....	10 lbs.	8 lbs.			ORCHARD GRASS—For hay or pasture on irrigated land	25 lbs.	20 lbs.		
CLOVER—Sweet, for hay crop or to be plowed under for green manure	15 lbs.	12 lbs.			RYE GRASS (Perennial)—For hay or pasture on irrigated land	40 lbs.	30 lbs.		
TIMOTHY—For hay or Seed Crop.....	10 lbs.	8 lbs.			MILLET—German, Hungarian, Siberian or Hog, for hay crop	30 lbs.	25 lbs.		
TIMOTHY AND ALSIKE CLOVER—For hay or pasture.....	10 lbs.	8 lbs.			MILLET—Japanese or Billion Dollar Grass, for hay crop.....	15 lbs.	10 lbs.		
RED TOP—For hay crop or pasture.....	10 lbs.	8 lbs.			SUDAN GRASS—	20 lbs.	10 lbs.		

GRAIN

WHEAT—4 pecks—1 bu. or 60 lbs.
OATS—4 to 5 pecks—1 bu. and 1 peck or 50 to 60 lbs.
FLAX—16 to 30 lbs.
PEAS—per acre 90 to 120 lbs.
BEANS—per acre drilled 20 to 30 lbs.

BARLEY—2 or 6 Row—5 pecks—1½ bu. or 60 to 70 lbs.
BARLEY—(Hullless)—4 pecks—1 bu. or 60 lbs.
RYE—45 to 50 lbs. for grain; 50 to 60 lbs. for hay.
SPELTZ—4 pecks dry land—50 lbs. for grain.
SPELTZ—5 pecks irrigated—60 lbs. for grain.

Having been advised by a great many of our customers that the above information would be a great benefit to farmers generally, we are glad to give the table. We find from long experience that these are the necessary amounts to sow for the various purposes stated.

Inoculate this
Seed with
FARMOGERM.

ALFALFA==OUR SPECIALTY

Inoculate this
Seed with
FARMOGERM.

Some Interesting Facts About our Montana Alfalfa



Gold Medal Awarded State Nursery & Seed Co., for
Alfalfa Seed at the Panama-Pacific Exposition,
San Francisco, Cal.

Years ago before Montana produced seed the stocks offered for sale were shipped into the state from Utah, Kansas and other States wherever surplus stock was available. Seeding was usually done in June and at the rate of from 20 to 30 lbs. per acre; Winter killing was usually quite severe, sometimes whole fields dying off which we now know was due to the fact that seed from lower altitudes and warmer climates could not withstand our rigorous climate. There were evidently some varieties hardy enough to endure the test mixed in and from these Montana was enabled to get a strain of Alfalfa sufficiently robust to stand the severest winter providing the nature of the soil was suited for the crop.

Now that Montana produces a surplus of seed there is no excuse for seeding stocks of questionable hardiness. We urge you, therefore, to demand from your dealer the source of supply of the seed furnished you. This is particularly necessary this season as southern grown seed is much lower in price than Montana grown and while germination may be equal the real test comes the second Spring.

Our stocks of native hardy Alfalfa seed are specially selected, thoroughly cleaned and graded, and are grown in sections where Alfalfa seed raising has developed into an important industry. See next page for grades and red insert at page 80 for prices.

Then there are the Grimm, Liscomb, Cossack and other varieties which are best suited for dry farming or for lands with clay subsoil on account of the shorter and branching root system.

Alfalfa can be assisted in getting a good start in root growth by using an inoculant such as Farmogerm which introduces to the soil a Bacteria quite necessary to the best development of the plant.

REGISTERED GRIMM ALFALFA

ALL ALFALFA WE OFFER WAS PRODUCED ON DRY OR SUB-IRRIGATED LANDS.

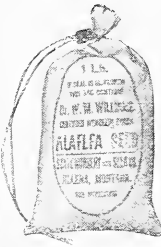
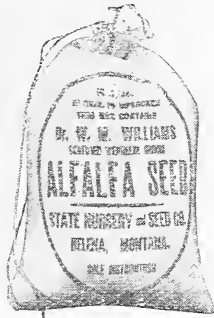
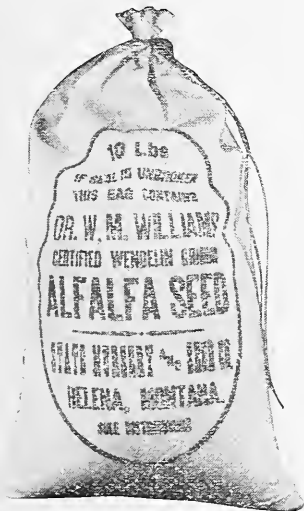
Grimm Alfalfa as it is generally called, was first grown by Wendelin Grimm, at a point in Minnesota. The wonderful advance made by this type over the ordinary Alfalfa led to its being subjected to the most severe tests by the Agricultural colleges and others. Our Registered Grimm has been grown under the supervision of the Montana State Agricultural College and Montana Seed Growers Association for years, and is harvested, threshed and sealed under the care of their representative. So far as we know, the Registered Grimm which we offer is from the most important plot of Registered Grimm grown in the State of Montana.

True Grimm Alfalfa has been so well advertised and described that any attempt at further praise would be superfluous. In every respect it has proved itself a most wonderful variety or type, and its reputation has been so well established that the true registered and sealed seed always commands a high price. Our stock of Grimm is the best that can be procured at any price, grown from the original stock, fully registered, inspected and sealed under the most stringent regulations to protect the consumer.

FREE—Pamphlet on Registered Grimm Alfalfa for the asking.

CERTIFIED GRIMM ALFALFA

Our stock of this carries a signed statement from the growers as to its genuineness, but is not yet registered. We consider from the standpoint of economy that this stock with its known hardiness and reputation of the variety to produce about one-half ton of hay per acre more than ordinary variety is a good investment. Grimm Alfalfa is particularly recommended for the northern part of the Great Plains region and all parts of the Northwest where little protection is afforded by snow. It has also proved better able to survive the winter in the colder portions of the humid section of the country, where winter killing is a serious factor.



COSSACK ALFALFA

Prof. Hansen's Introduction.

"The strongest and best one of the hybrid alfalfas is the one I have named Cossack noted in bulletins 159 and 167. The Cherno Alfalfa, sister plant of the Cossack, has been consolidated with the Cossack as it is not possible to distinguish between them. The small spoonful of seed which I brought home from Russia in 1906 and named Cossack has been developed in the hands of many farmers so that the 1916 crop in the western part of South Dakota was fully One Thousand bushels. In 1917 the crop of seed was reduced by crickets and grasshoppers. Many farmers have found by their own experience that Cossack is the heaviest and best seeder of any alfalfa they have ever tested. The dry season demonstrated the value of Cossack. Very favorable reports of the Cossack come from many sections, including the far northwest prairie region of Saskatchewan, Canada." We have only a small stock of Cossack seed available for the special experimenters who wish to get their start from good certified stock.

"LISCOMB" ALFALFA (Variegated Flowered)

The type listed as "LISCOMB" Alfalfa is one of the best that has yet been introduced. It possesses every requisite to be desired to place it in the front rank of Alfalfa varieties.

It is of the much to be desired branching root and many crowned type, with variegated flowers.

It is of the most hardy nature, yields enormously, and does well on dry and sub-irrigated lands, and has stood a test of 46 degrees below zero.

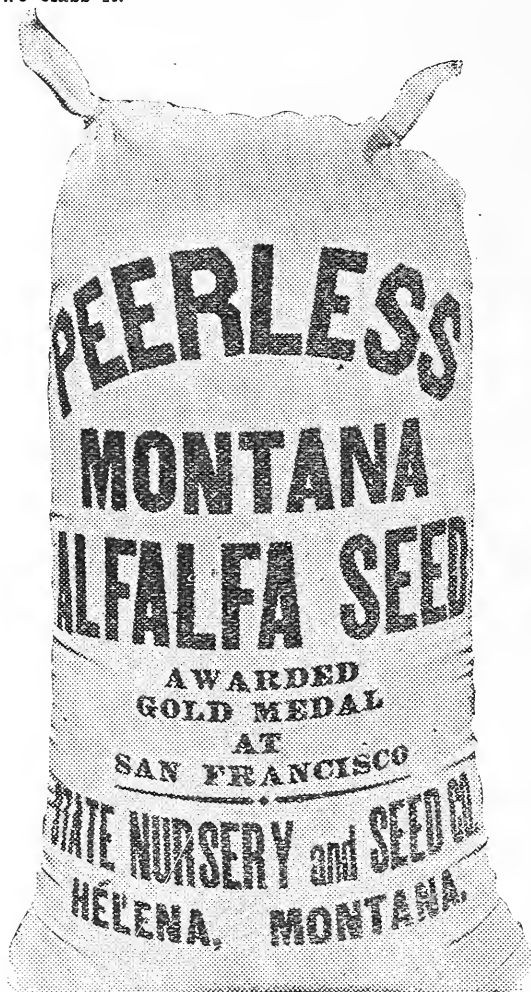
It has received the highest recommendation at the hands of the Extension Division of the Minnesota Experimental Station, and also from the officials of the Montana Stations.

More than this can not be said or claimed for any brand or type of Alfalfa, and we confidentially predict that as the merits of the genuine "Liscomb" Alfalfa become known, it will be in far greater demand than that of any other by growers desiring the best Alfalfa that can be obtained for the rigorous northwestern climate.

SEE RED INSERT PAGE 80 FOR PRICES

Montana Hardy Alfalfa Seed

is today acknowledged to be without a peer. Experiment Stations of several State Agricultural Colleges, bear out in every case the final superiority of Montana seed, for hardiness, vitality and productiveness. Located as we are, in the heart Of the Rockies, we have facilities for the selection and acquisition of the highest grades of Alfalfa for the northwestern country that are not equaled by any other house, and our customers may rely on the assertion that seed secured from us is of the hardest and best obtainable quality in the grade in which we class it.



ALFALFA—("Peerless") Best on earth, in 50 lb. or 100 lb. Sealed Bags. The seed is large and of high germination, with a purity test of 99 or better. Our seed is obtained in those sections where plants have endured the extreme cold of winter and thrive at high altitudes. Our experience of several seasons has demonstrated the superiority of this seed under adverse climatic conditions throughout the entire Northwest. There is no better seed grown.

ALFALFA—(Placer) Experiments of many agricultural stations have established without a doubt the superior hardiness of Montana grown Alfalfa seed over that produced elsewhere. This grade is selected from among the best that grows, and is second only to our "Peerless", with a purity test of 98 or better. Samples cheerfully sent to intending purchasers; when writing for samples, please state what quantity you expect to use, so that we may quote you the best possible price on the quantity you need.

ALFALFA—(Quartz) An excellent grade of seed, but on account of unfavorable weather it has some discolored seed and therefore is not bright enough in color for the higher grades. This seed is well above the standard for both purity and germination. Write for samples stating quantity you can use.

TURKESTAN ALFALFA.

This variety has been satisfactory in many sections and has become quite popular. In consequence over six million pounds of Turkestan Alfalfa seed are imported annually to the United States. This seed is grown on the high table lands of central Asia where the days are hot and the nights cold. It has been successfully grown for years in this country. A successful Alfalfa grower has had years of experience in raising Turkestan Alfalfa where a temperature of 20 to 30 degrees below zero almost every Winter tests the hardiness and vigor of all plant life. We believe Turkestan seed to be second only to Montana for hardiness.

SEE RED INSERT—PAGE 80—FOR PRICES.

SCARIFYING.

We have installed an up-to-the-minute Ames Scarifying machine. Add \$1.00 per 100 lbs, if you desire your Sweet Clover or Alfalfa Seed Scarified.

CLOVERS

Inoculate this
Seed with
FARMOGERM.



Medium Red Clover.

Medium Red, "Peerless"—Looking to the future, no time should be lost in introducing the bacilli of the Red and Alfalfa Clovers. The use of nitro cultures may tend to hasten their establishment, but nature's way, and the best way, is to use a small quantity of seed, say a pound or two of Red and Alfalfa Clover to the acre with whatever crop you are seeding. After a little you have a prized baccilli in your land, then you may safely call your farm doubled in value from a producing standpoint. Red Clover is regarded as the most important of the whole genus for practical agriculture; valuable not only for forage but also a fertilizer for the soil. Long, powerful tap-roots which in decaying add largely to that black mass of matter we call soil.

Medium Red "Placer"—An exceedingly good second grade seed.

Mammoth Red "Peerless"—This variety of clover matures about two weeks later than the ordinary red clover, and will produce a heavier yield per acre than any other variety. It is also better adapted to poor sandy soil than other sorts, Alsike included. On account of its vigorous heavy growth, it should be cut for hay before the bloom fully matures, otherwise the heavy growth will have a tendency to become woody. It is by far the best variety known where clover is desired for a hog pasture.

Alsike or Swedish "Peerless"—This Clover originally came from the little Province of Alsike in Sweden. One of the hardest varieties known, is perennial and does not winter kill; stands alike drouth or wet. We know of many who have used Alsike Clover to sow in boggy land, making this land produce a crop or pasture and at the same time enabling it to be driven over as the mass of roots make a heavy sod. Favorite with bee keepers. Flowers with sweet agreeable odor.

Alsike or Swedish "Placer"—Second only to our "Peerless" grade.

White Dutch—Excellent for pasture and when mixed with Kentucky Blue Grass, makes the finest and most nutritious food for sheep and cows, used universally for lawns in the Northern section of the United States. Sow 5 to 8 pounds to the acre alone for pasture; for lawn, 1 lb. to 400 square feet.

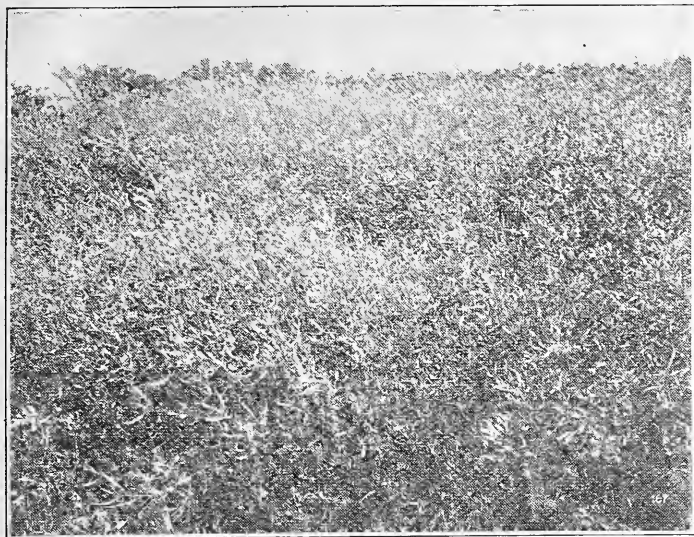
Sanfoin or Esparsette—A perennial leguminous plant, belonging to the same family as Clover and Lucerne. It is a valuable plant for growing on poor land and barren hillsides. When once established it lasts for many years. If to be used for hay, cut just before the flowering period. Sow in spring, covering the seeds quite deeply, at the rate of forty lbs. to the acre.

*Do You Wish your Clover or Alfalfa Seed Scarified?
See Bottom of Preceeding Column*

FOR PRICES ON ALL FIELD SEEDS—

SEE RED INSERT—PAGE 80.

SWEET CLOVER



Inoculate this
Seed with
FARMOGERM.

A Field of Sweet Clover.

ADVANTAGES OF SWEET CLOVER.

Consider the following facts: 1. It is not a weed. 2. Like alfalfa it is rich in protein. 3. Will not bloat cattle or sheep. 4. Equal to alfalfa for pasture. 5. Is a great milk producer. 6. Furnishes early spring pasture. 7. Contains more protein than red clover. 8. Fits well in the crop rotation. 9. Is a great soil enriching crop. 10. Better than any of the common clovers as a green manure crop. 11. Is a valuable plant for honey bees. 12. Prepares the soil for alfalfa. 13. Roots are soft and give no trouble in plowing. 14. Roots being tender, become inoculated more readily than alfalfa. 15. Never damages cultivated crops. 16. Its roots decay rapidly, adding much nitrogen and humus to the soil. 17. Grows and will produce a crop in all parts of the United States. 18. Seeds freely in both humid and dry sections. 19. Sweet Clover prevents erosion. 20. Will grow under conditions where clover and alfalfa fail; (a) on low, wet, alkali and acid soils; (b) on hard, compact soils; (c) on poor soil, especially where there is lime. Last and best of all, it is the Dry Land Farmers' Salvation, furnishing him with green manure so necessary and so hard to apply except through the plowing under process.

As Sweet Clover can be grown under conditions which are unfavorable to most forage or grazing crops, it is destined to become quite popular in our non-irrigated pasture lands.

A special pamphlet on Sweet Clover and its Uses on application.

WHITE BLOSSOM SWEET CLOVER.

Sweet White Blossom "Peerless". Thoroughly cleaned, brightest color seed of the highest grade, its purity being 99% or better. None better anywhere at any price. Samples with quotations on any quantity cheerfully furnished.

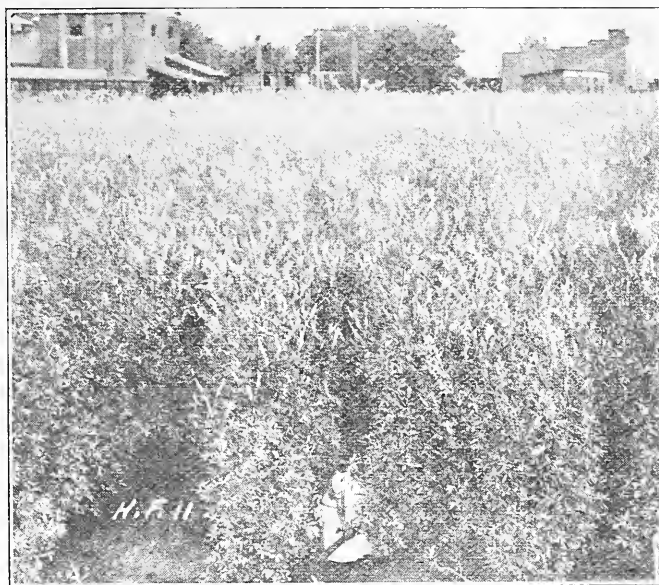
Sweet White Blossom "Placer". Second only to our Peerless grade and running 98% pure or better. Don't overlook the fact that Sweet Clover should hold a very important place in your crop rotation. When writing for samples please advise what quantity you need.

Sweet White Blossom "Quartz". This grade will run 90% or better purity and contains some unhulled seed. The run of seed is a little smaller than the higher grades, but does not, as many think, require more pounds per acre, as it contains more seeds per pound.

YELLOW BLOSSOM SWEET CLOVER.

Sweet Yellow Blossom "Peerless". The grades and tests on this variety are identical with the White Blossom. The growth of the plant is somewhat different, it has a more spreading habit of growth. Its production in hay is not equal to the White Blossom but is preferred by some for Pasture on account of its recovery in growth when closely pastured. Most of our demand for yellow comes from dairymen who seem to have a preference for the variety, claiming they can get more pastureage.

Sweet Yellow Blossom "Placer". A good grade of seed, but containing some unhulled seed.



A FIELD OF HUBAM—Annual White Sweet Clover

HUBAM CLOVER

(Annual White Sweet Clover)

Hubam is an annual sweet clover which was discovered and developed by Prof. Hughes, of the Iowa State College, Ames, Iowa.

From the trials made and the results obtained there is no question about the importance of Hubam in the farm rotation. Under tests it has made a growth of 4½ feet in 3½ months while the biennial sweet clover under identically the same conditions had grown from 10 to 14 inches and the medium red clover 5 inches.

When seeded with small grain like oats or wheat, Hubam will make a heavy growth of nitrogenous material to plow under in the fall. Following spring wheat it made a growth of 2½ to 3 feet while the medium red did not cover the wheat stubble. By weight, it produced six times as much nitrogenous material for plowing as was produced by the medium red clover.

It will also make two cuttings of high quality hay in one season. From tests made under conditions cited in the above paragraph Hubam produced six times as much by weight as the Medium Red Clover; five times that of Biennial Yellow and three times of Biennial White.

When grown for a soiling crop it should be sown either broadcast or drilled in, in the same manner as any other clover. The rate of seeding is 10 to 12 pounds to the acre. If left to mature, it will reseed itself but will not come up from the roots. Fall seeding has given good results, but the common practice has been spring seeding.

The big advantage of Hubam over other clovers is its remarkable vigor, the taking of nitrogen from the air and storing it in the soil, its value as a hay, green manure and pasture crop. By its use in the farm rotation as a substitute for the ordinary clovers all the advantages of a clover crop can be had the same year and thus a full year saved in the crop rotation.

If you are interested in a honey bearing plant, if you need a legume that will afford splendid forage and pasture, if you require a clover for an established rotation for soil fertility, this rapid growing annual will more than please you.

It looks much like the biennial or ordinary Kind, but makes all its growth, blooms, and makes seed the first season. It will undoubtedly have great value as a quick clover crop for green manuring or for hay.

Think it over. Variety is the spice of life, they say. The whole world, agriculturally speaking, is interested in HUBAM. It has received almost as much free advertising as professional base ball. Why not realize on it?

We can supply County Agents affidavit certifying to the Genuineness of our stock.

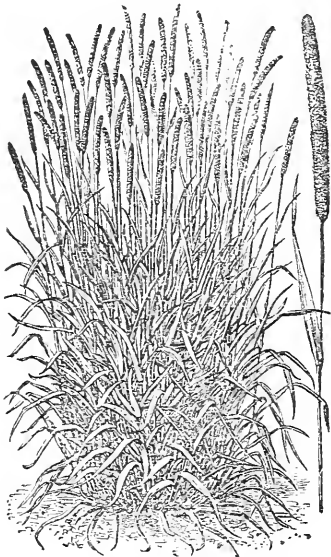
SEE PAGE 80 FOR PRICE

RED TOP

Solid Seed, "Peerless"—A valuable grass for moist soils. It will flourish on wet undrained soil, especially acid soil. Especially valuable for pasture and Mixtures. Redtop is a very valuable grass to grow with Timothy and Clovers, especially Alsike or Timothy. It fills the lower part of the swath and fills the bottom thereby increasing tonnage and forming thick heavy sod. When you have trouble getting a stand of grass, you should certainly try Redtop. It will succeed where others fail.

Solid Seed, "Placer"—Excellent quality. Second only to Peerless.

TIMOTHY



Timothy.

Alsike Clover and Timothy Mixed—Where Alsike Clover and Timothy are grown together, and the seed is saved therefrom, it is impossible in cleaning to make a complete separation of the two. On this account we purchase the seed for less money and we can sell it for less money than would be the case if a perfect separation could be made. Those desiring to sow Alsike and Timothy together can save considerable money by buying the seed of these two varieties together as originally harvested. This makes a splendid mixture for hay or pasture, with just enough Alsike Clover to make splendid hay for horses or dairy cows, carrying about 25 per cent of clover.

As a crop for hay, Timothy is probably unsurpassed by any other grass. It is greatly relished by all kinds of stock, especially horses. It yields more nutritive matter than any other grass or forage plant. It is not suited for a permanent pasture, as it will in the course of a few years, run out. It is, however, well adapted to early spring grazing, as it starts up quickly in the spring and in favorable weather can be pastured in the autumn as well. The largest crops of hay are raised on rich land. It is not suited for light, sandy soil as well as some other grasses.

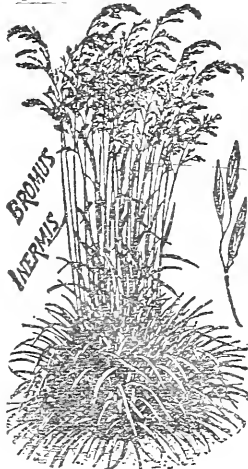
"Peerless"—Thoroughly cleaned. Brightest seed, showing a purity of 99 per cent or better.

"Placer"—This grade, like the above, is the plump native grown seed, unequaled by the stocks of most eastern firms. If you use large lots write for special price, stating quantity you expect to use.

BLUE GRASS

Kentucky "Peerless"—We wish to call particular attention to the cleanliness of our Blue Grass. The seed we offer is strictly reliable in every respect, is extra fancy new crop and we guarantee its Germination.

Kentucky "Placer" Grade—Used extensively for lawns and street parkings, also makes excellent pasture or hay.



BROME GRASS

Bromus Inermis, "Placer" Grade—A wonderful drouth resister. A grass for the stock raiser. All cattle like it. Will drive out Russian Thistle, also Black Mustard. Drouth defying, frost resisting. Yields enormous crops of splendid hay and affords early and abundant pasturage. We have seen some very fine crops of Brome Grass and Alfalfa mixed, which makes an excellent hay for horses and cattle. Try it. These both mature and cure at the same time. Our peerless grade of this magnificent grass is unequalled for purity and high germination, and less seed is required to the acre than any other grade. From good seed, good crops grow.

NEVER PLANT CLOVERS, ALFALFA, VETCHES, OR ANY OTHER LEGUME WITHOUT INOCULATING WITH FARM-GERM. IF YOU DESIRE A BIG STAND AND THE BEST FERTILIZING VALUE AT THE LOWEST COST, IT IS AS IMPORTANT TO DO THIS AS IT IS TO SEE THAT YOUR SOIL IS SWEET AND IN PERFECT CONDITION.

SLENDER WHEAT GRASS

Or Western Rye Grass—This is a valuable native grass, very hardy and makes good hay. Much valued for crop rotation. Seed about 20 lbs. to the acre, and do not cover too deeply. Some growers advise the mixture of Red Clover with this grass and for hay this assures easier handling in harvesting. It has proven a valuable crop in Montana and also in North-western Canada. This is frequently called Blue Joint by farmers, and resembles it somewhat.

ORCHARD GRASS

"Peerless"—A valuable grass for pasture or hay land, and on account of its earliness is very valuable for a permanent pasture. It furnishes early green grass in the spring and until late in the fall. When closely cropped it grows up very quickly and is ready for grazing again in ten to twelve days. When grown for hay sometimes two crops can be obtained in one season, and when one crop is cut the aftergrowth is very heavy and gives splendid and rich pasture till late in the fall. It will stand drouth and is hardy. It grows in tufts, and is therefore best sown with Red Clover, rye grass, etc. It is well suited for shady places, such as orchards and groves.

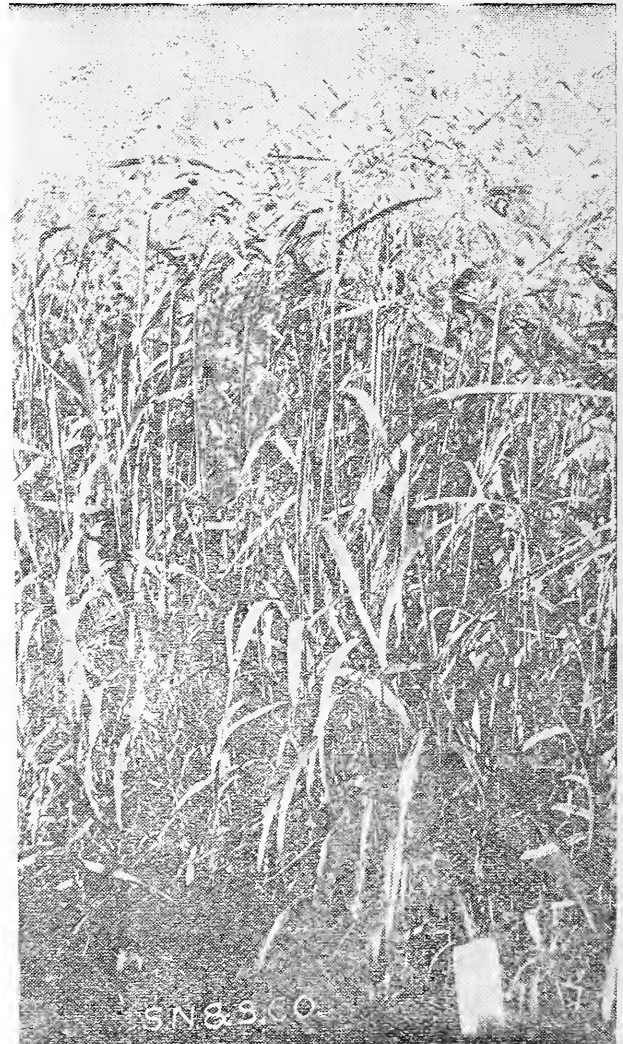
PERENNIAL RYE GRASS

The life of this grass is from two to five years and is a very valuable grass to use in meadow mixtures as, on account of its rapid growth, it assists in making a longer pasturing season. When used alone for a Hay crop it will, when seeded at the rate of about 50 lbs. per acre, produce from 2 to 2½ tons per acre. We do not recommend this as a dry land crop as its root system is not deep enough for this purpose.

FOR PRICES SEE RED INSERT—PAGE 80.

SUDAN GRASS

One of the Most Remarkable Forage Crops Grown.



SUDAN GRASS—(Montana Grown.) (See next page.)

SUDAN GRASS

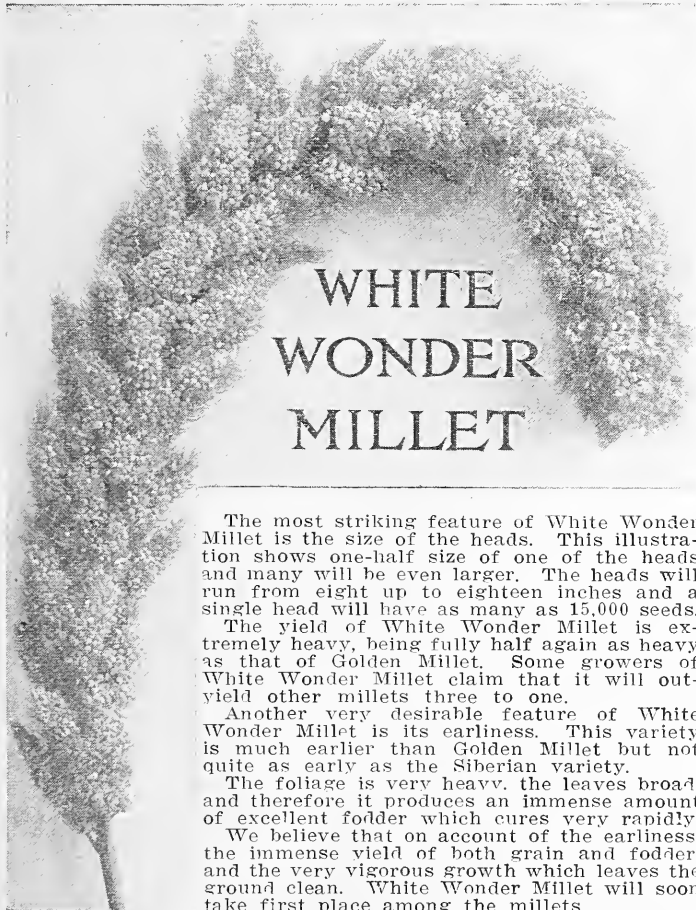
The Greatest of All Forage, Grain and Hay Crops.

As the name implies, Sudan comes from the SUDAN of AFRICA, and was first introduced in the United States in 1909, by the department of Agriculture; since that time it has been experimented with and tested in nearly all sections of the United States. It is an annual and requires replanting each year; has no root stalks (as Johnson grass) and dies with the first frosts in the fall; is closely related to the sorghums (milo, maize, kaffir corn, etc.) but yields far more abundantly than any of these and the hay has more fattening properties. The Government, in fact, estimates that its feeding value is only 3 per cent less than alfalfa, and much greater than timothy or any of the common hays, while stock of all kinds eat it in preference to even alfalfa. **THERE IS NO OTHER FORAGE CROP KNOWN THAT WILL RESIST DROUGHTS LIKE SUDAN** and it is therefore particularly adapted to semi-arid regions, yet it yields IMMENSE crops under irrigation and in rainy climates. In brief, Sudan solves the hay and pasturage problem for a very large section of the United States.

Many are the favorable comments we have had on Sudan grass in dry seasons, many farmers declaring they will increase their acreage the coming years on account of its ability to stand up under unfavorable conditions. We are therefore making special efforts to have a good supply of high grade seed.

MILLETS

(3 Lbs. to Acre for Cultivated Rows; 4 Lbs. to Acre in Drills; 16 to 24 Lbs. per Acre Broadcast.)



WHITE WONDER MILLET

The most striking feature of White Wonder Millet is the size of the heads. This illustration shows one-half size of one of the heads and many will be even larger. The heads will run from eight up to eighteen inches and a single head will have as many as 15,000 seeds.

The yield of White Wonder Millet is extremely heavy, being fully half again as heavy as that of Golden Millet. Some growers of White Wonder Millet claim that it will out-yield other millets three to one.

Another very desirable feature of White Wonder Millet is its earliness. This variety is much earlier than Golden Millet but not quite as early as the Siberian variety.

The foliage is very heavy, the leaves broad, and therefore it produces an immense amount of excellent fodder which cures very rapidly.

We believe that on account of the earliness, the immense yield of both grain and fodder, and the very vigorous growth which leaves the ground clean, White Wonder Millet will soon take first place among the millets.

GOLDEN OR GERMAN—In the north Millet is sown almost altogether for hay and for that purpose southern grown seed is much the best. It grows taller than does that from northern seed, and that means more hay. It is finer than that from the northern seed, and that means better hay. Millet seed produced in the north, even from southern seed, becomes what we call Common Millet. Not only does the plant change in character becoming coarser and much more dwarf, but the seed itself shows a change and is readily distinguished by those experienced in handling it.

SIBERIAN OR KURSK MILLET—This variety was first introduced into the United States from Kursk, Russia, in 1898. Extensive experiments were conducted at both the South Dakota trial stations which demonstrated the superiority of this new variety. As both a hay and seed producer it ranks very high. In dry seasons the weight and quality of the hay has been far ahead of Golden or Hungarian Millet. In favorable years the difference has not been so great but the results have always been in favor of the Kursk Millet.

HUNGARIAN—(Dark Seed)—Often called Hungarian Grass. Many regard this as being better even than Golden Millet as it is about one week earlier and requires less moisture. The hay is fine and of excellent feeding value.

It is especially valuable on account of requiring such a short season to make a fine crop of most excellent hay. For this reason it is much used as a catch crop. It can be sown as late as the 4th of July with good results.

HOG OR BROOM CORN—This is grown for the same purpose for which other Millets are sown, but makes inferior hay unless cut very young. It yields enormously of seed, even 60 to 70 bushels to the acre, and this seed is very advantageously used for fattening swine and other stock, and is of special value for this purpose in sections where corn cannot be safely or cheaply grown. Seed also makes very fine feed for poultry or young chicks.

JAPANESE—Improperly called "Billion Dollar Grass"—Entirely distinct from all other Millets. It grows from 6 to 9 feet high, stands up remarkably and yields enormous crops. When cured it makes good hay and in quality is superior to corn fodder. It is relished by all kinds of stock. Sow 10 lbs. in drills; 15 lbs. broadcast to the acre.

GROWING THE CROP.

Soil—Millet is particularly adapted to new land, and it is being grown under ideal conditions when placed upon prairie sod or newly cleared timber land. Being a coarse feeder it prefers loose, sandy soil to clay.

Sowing—Millet may be sown any time from early spring until late summer, and it is because of this wide variation in the time of seeding that it has become so popular throughout the country.

Tillage—Millet, in most instances, is either sown broadcast or with a grain drill, and in such cases requires no tillage, but in some instances when grown for seed it is sown in rows, and cultivated. In the case of poor and very weedy soil, this practice is to be recommended.

Harvesting—The method of harvesting depends upon whether the Millet is to be fed green, used for hay or cut for a seed crop. When cut for hay, which is the most common use to which Millet is put, it is usually cut just as the heads appear, although some follow the practice of allowing it to stand until the seed is ripe. No definite rules for curing the hay can be given owing to different climatic conditions.

Inoculate this
Seed with
FARMOGERM.

SOY OR SOJA BEANS

Valuable for silage, hay, for hogging off and as a soil improver. They resemble the navy bean in appearance but grow considerably taller. When planted with corn for silage the total yield per acre is increased and the feeding value of the silage improved. For hay they are valuable as an emergency leguminous crop where clover has been winter killed; equal to clover in feeding value and one of the best annual clover substitutes. Like clover they gather nitrogen from the air.

For hay, plant 60 to 90 lbs. per acre in rows 20 to 36 inches apart. Harvest when pods are well filled and leaves commence to turn. Allow to wilt in swath then rake up and place in small cocks. Curing sometimes requires several days and should be thorough. Soy Beans drop their leaves quite easily and should be cut before any number have fallen. They should be banded as little as possible to retain the most leaves.

For hogging off, plant 30 to 60 lbs. per acre in rows 20 to 42 inches apart. 20 inch rows can be made by straddling every other row with the corn planter. As soon as the beans are mature turn in the hogs to harvest the crop.

Wisconsin Pedigree or Early Black Soy Beans.

Be sure to get the genuine extra early variety. They grow from 18-30 inches high and mature in 65 to 70 days. They are one of the best yielders of beans and best suited for hogging down.

Inoculate this
Seed with
FARMOGERM.

FIELD PEAS

Inoculate this
Seed with
FARMOGERM.

(60 to 75 Lbs. per Acre in Drills; 75 to 120 Lbs. Broadcast.)

Peas are second only to clover in their soil-enriching properties and can be grown under any conditions of soil or climate. There is always a ready market for peas, or they can be profitably ground and fed to stock. The vines make rich, nutritious hay. If fed to milk cows, when in a green state, pods, vines and all, the flow of milk will be almost doubled. Peas are a paying crop and can be profitably planted in many ways.

Canada—Canada Peas are one of the most useful and valuable legumes that can be grown by the northwestern farmer. They grow from 3 to 4 feet high and the crop can be used in any manner, as ensilage, or plowed under for green manure.

White Marrowfat—These large handsome Peas are equally as saleable at all times at the top of the market, as well as profitable to grow as a field crop and on account of their size providing the table with an extra good pea during summer. Very heavy yielder, producing from 40 to 60 bushels per acre; these peas being softer than the Canada Pea, are preferred by hogs or stock.

Alaska—An early maturing Pea which is becoming quite popular because it stands up well in the field, and can be cut from either side, and is a heavy yielder. This is one of the varieties sought after by the canners.

Early May—This is an extra early clean smooth white Pea similar to the Canada but can be used as an early table Pea to advantage. Yields 30 to 40 bushel per acre on favorable soil.

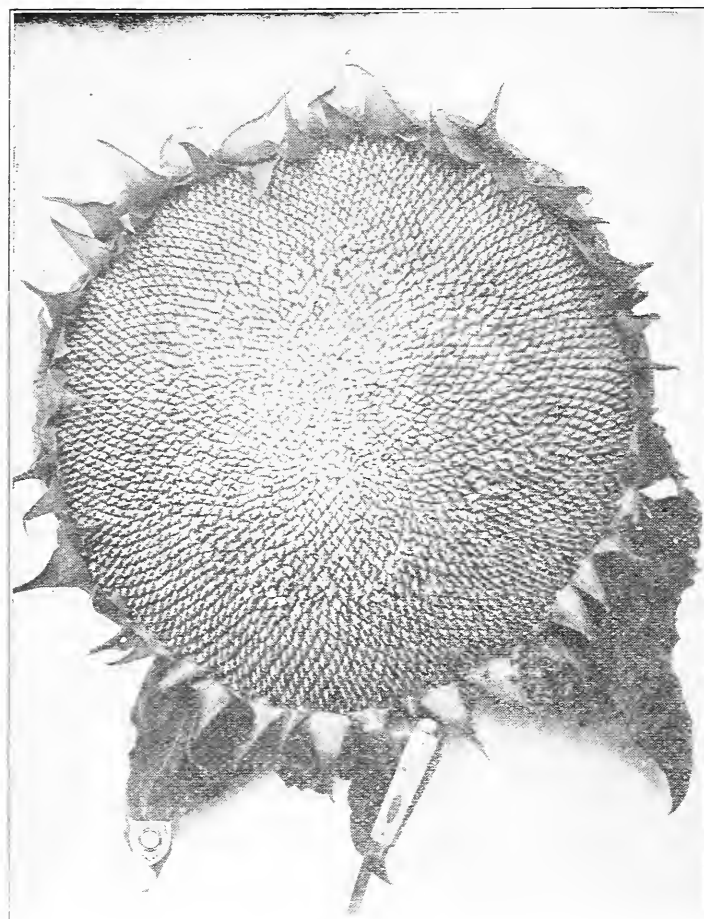
SORGHUM OR SUGAR CANE

(15 Lbs. per Acre. Drills; 50 Lbs. Broadcast)

Sorghum—(Southern Seed)—This Sorghum, while not suited for syrup making purposes in this section, is of great value as a forage crop, whether to cut for forage or for use in silos. It is very rich in feeding qualities and will yield heavily on irrigated or sub-irrigated lands.

SORGEUM—Minnesota Amber Cane—This is the Northern grown type of this popular and valuable forage crop, and best suited for syrup.

The Early Amber is the most common variety of Cane grown; there are two ways of planting it; one is by broadcasting, sowing from one to two bushels per acre, the other is to drill with a corn planter and cultivate the same as you would corn. It can be grown on any soil or in any climate from Maine to California. It will thrive on the richest land you have, or on the poorest, and it is one of the greatest destroyers of obnoxious weeds in existence. It can be sown any time from April to July and be harvested any time between the time it is a foot high and the first freezing weather. Try a little cane this year; you will be surprised at the wonderful results you will secure from it.



Head of Mammoth Sunflower.

SUNFLOWER

(10 lbs. to the Acre.)

SUNFLOWERS FOR SILO.

There has during the past 3 years been a good deal of experimenting with Sunflower for Silo work and with very gratifying results. The best proof for this is the increasing number of silos being built and contemplated to handle the crops. The dry land farmer should be particularly interested in this crop as it means so much to him in tonnage of fodder. It will yield 200 to 300 per cent more than any other crop we know of and is relished by stock and dairy cattle. Bankers will make loans easy where a crop of sunflowers is in sight. They realize that cheap feed is the salvation of the farmer who depends on rainfall to make his crops.

SEEDING AND CULTIVATION

Sow sunflowers in rows wide enough apart to permit cultivating between them at the rate of about 10 lbs. per acre. Cultivate frequently until the plants are from 12 to 18 inches high.

Mammoth Russian—Single heads measure 15 to 22 inches in diameter, and contain an immense amount of seed, which is highly valued by farmers and poultry breeders who have tried it. It is the best egg producing food known for poultry. It can be raised cheaper than corn, and is destined to be an article of great value.

FETERITA

(3 to 4 lbs. per Acre in Drills.)

FETERITA—A wonderful new grain which has attracted considerable favorable attention Kansas, Missouri and Oklahoma. It belongs to the Sorghum family. It was introduced from Africa by the United States Department of Agriculture. The advantages of Feterita are its drought resisting qualities, its heavy yield, its earliness, its stooling propensities and its freedom from insect pests. It is of medium height and about equal to Kaffir Corn in feeding value. Feterita successfully withstood dry weather in Kansas and nearby states during 1913 and yielded more under these unfavorable conditions, 35 bushels per acre and more. Under proper conditions, it will yield 60 to 75 bushels to the acre. It branches very freely from the roots, making from three to eighteen heads from a single stool. It is from two to three weeks earlier than Kaffir Corn, and should successfully mature in the north. Culture same as for Kaffir. The chinch bugs will consume other crops, but seem to leave Feterita entirely alone.

KAFFIR CORN

Kaffir Corn—White Seeded—An excellent fodder plant, yielding two crops of fodder during the season. It grows 4 to 5 feet high, making a straight upright growth. The stem or stalk bears numerous wide leaves. The stalks are brittle and juicy not hardening like other varieties of Sorghum. It makes excellent fodder, either green or dry, which is highly relished by cattle and all kinds of stock. The seed crop is also heavy, sometimes 50 to 60 bushels to the acre. For grain, sow in rows 3 feet apart, 3 to 5 pounds to the acre. For fodder sow 40 to 50 lbs. either broadcast or in drills.

VETCHES

Inoculate this
Seed with
FARMOGERM.

Vetch will do well on poor lands where clover will fail. It needs a good seed bed with plenty of moisture to begin with, but after once established it will stand most any degree of heat, cold or drought. Like all leguminous crops, Vetch gathers nitrogen out of the air and deposits it in the tubercles on its roots. In order to carry out this process it is necessary that the seed be inoculated or the young plants will not grow as healthy and vigorous as otherwise. Although many of our customers report they are able to grow a crop without inoculating, it seems that one is taking chances when inoculating can be done easily with Farmogerm.



WINTER VETCH

Winter Vetch—Known also as sand or hairy Vetch. Although called Winter this variety must be sown in Spring in Montana as it will not withstand our Winters. Its advantage is that usually it produces a heavier tonnage per acre than the Spring Vetch. This variety requires a good soil, is frequently sown with oats or barley, with which it makes excellent feed.

Spring Vetch—This is a Very valuable forage plant and is rapidly becoming popular each year as the farmers are learning more of its great value for forage and fertilizing purposes. It succeeds well on nearly all soils and thrives surprisingly on poor light land. It improves the soil, being a great nitrogen gatherer. It belongs to the pea family, but the vines are much longer and the foliage is more abundant. May be sown with about half bushel of rye or oats for support. It grows rapidly and is particularly valuable in sections where clover does not thrive.

RAPE

(Sow 2 to 3 Lbs. to the Acre in Drills; 5 Lbs. Broadcast.)

Use of Dwarf Essex Rape—Dwarf Essex Rape thrives best on a good soil, rich in vegetable matter. Slough lands are excellent. This plant may be grown successfully in the following ways, viz: 1. In the early spring, to provide pasture. 2. In June or July, on well prepared land to provide pasture. 3. Along with grain using 2 lbs. of seed an acre, to provide pasture for sheep after harvest. 4. Along with peas, oats, clover seed, to provide pasture and to get a "catch" of clover. 5. As a cover in the orchard for winter protection to avoid root-killing. 6. In corn, sowing the seed with the last cultivation; the succulent feed produced may save the loss of cattle by corn stalk disease. Prevention is better than medicine in regard to this fatal disease. 7. Along with rye, sown in August, in sheep pasture. 8. On early plowed fields to shade the land and so that the soil will not leach, wash or drift. 9. To plow under as a green crop, adding humus to the soil, an element needed in grain growing sections. When rape is sown broadcast, 5 lbs. of seed an acre will suffice. When sown in rows, say thirty inches apart and cultivated, from 2 to 3 lbs. per acre will be enough.

BUCKWHEAT

(35 to 40 Lbs. to the Acre.)

SILVER HULL BUCKWHEAT—The grain is of a beautiful light gray color, and has a thin husk. Millers prefer Silver Hull, there being less waste and it makes whiter, better and more nutritious flour than other varieties. Silver Hull is more productive and the grain meets with a more ready sale. Under favorable conditions it will yield 40 to 50 bushels an acre.

Japanese—The grain is large, it yields heavy, ripens early, stands up well, and the flower is fairly equal to any other. It remains a long time in bloom and is excellent for bee pasture.

FLAX

RUSSIAN—The standard sort used in the northwest. It requires special machinery to make seed of any grain and this is especially true of Flax. Cleaning Flax so as to make it "right" for seed is a somewhat expensive operation and involves a very considerable waste. But write for sample use the magnifying glass, and compare it with flax from the farm or elevator and judge for yourself if our seed is worth to you all its costs. Spray your flax with formaldehyde before seeding.

No. 52 WILT-RESISTANT—Flax seed which is resistant to wilt has been bred by continually growing flax on wilt-sick land. Those plants which survive produce seed which is more resistant to the disease than the previous generation. Repeated sowing of each crop on the same land will in time produce seed which is practically immune to the effects of the wilt trouble.

With small grain prices below the point where a profit can be made why not grow Flax. Yields are frequently equal to Wheat and at the present market quotations will bring nearly three times the money.

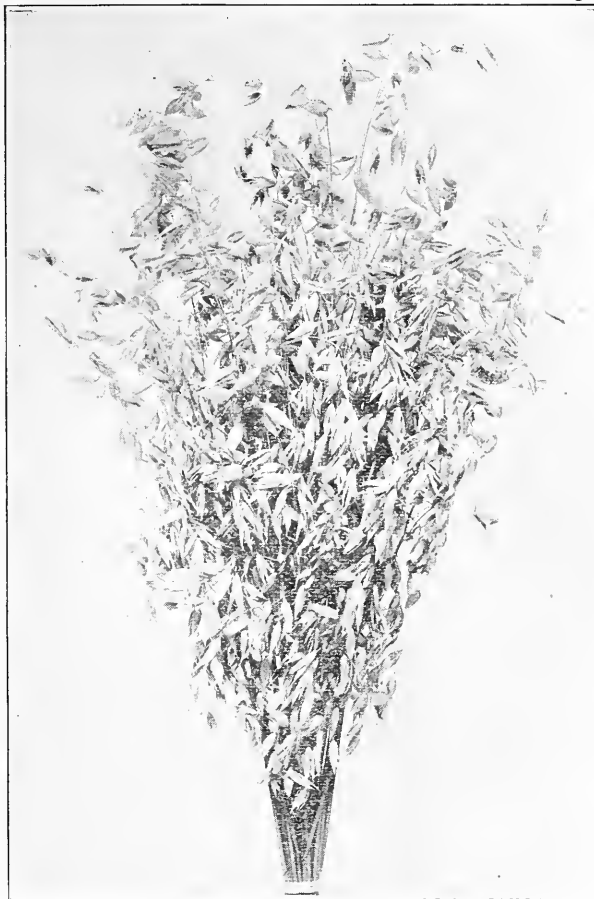
**SEED GRAINS
OATS**

National—National Oats are claimed to be heaviest yielders of the family. Yields have been reported from 60 to 150 bu. per acre. It stands drouth well, has a very strong stiff straw, with large long heads and kernels are large, full and white in color.

New Victory—The high yield of this variety is particularly striking on heavy and medium soils. The smallish spikelets bear a certain resemblance in panicle construction, to the Golden Rain Oat, but it is easily distinguished from the latter by its white, slightly bearded (not altogether awnless) grain. The panicle is rather small but compact and rich, with stiff branches the spikelets are short, usually only two-kernelled. The grain is white of medium size, short and broad. The straw is of medium height, particularly firm and elastic. The stooling ability is good and the development in the field is remarkably regular and pronounced.

Swedish Select—These originated in Sweden and they seem to be adapted to the growing conditions of the Great Northwest better than any other of the improved foreign Oats. They retain splendidly the vigor, hardiness and productivity that were bred into the original parents.

These Oats ripen fairly early, the straw is of medium height, strong and stiff. The grain is white, thin hulled, and plump. Weight per measured bushel, 40 to 45 lbs. The spikelets are small and usually two-grained. The shoots are abundant and the development in the field is strikingly regular and ample.



Newmarket Pedigreed Oats.

NEWMARKET PEDIGREED OAT.

This White Oat succeeds well on all soils on account of its robust and vigorous constitution and is one of the most attractive sorts grown in the West.

Remarkably early and an enormous cropper, kernel extra large and plump, very thin hull, stiff straw and a heavy yielder.

It has produced 132 bushels per acre on the farm where it was grown and being such a splendid yielder is very much in demand for seed.

Montana White or Big Four Oats—A large fat grain, preferred by many to the Swedish Select, which it most nearly resembles.

FOR PRICES SEE RED INSERT—PAGE 80.

WHEAT

(60 to 75 Lbs. to the Acre.)

SPRING DURUM—Kubanka Macaroni—White Bearded—In the field this Wheat grows very strong and with surprising rapidity, so rapidly as to get well ahead of the weeds. It does not shell or bleach and is also hail proof owing to the tightness of the hull. The straw is very strong.

SPRING DURUM—Pelisse Macaroni—Black Bearded—Having yellow chaff and long black beards, has proved to be the largest yielder of all Durums. The kernel is large, being about 1-3 longer than the other varieties of Durum. Until a few years ago this variety was comparatively unknown but its large yielding and drouth resisting qualities have given it so much publicity that it has been raised with great success on many farms in Montana and North Dakota during the past three years. We can highly recommend this wheat as the largest yielder of any Spring Wheat now grown in Montana.

Marquis Wheat—The wheat you will eventually buy. Unquestionably the best wheat for the northwest. Matures a week to ten days earlier than Red Fife; yields 15 to 20 bushels to an acre more than Red Fife; and for milling purposes grades No. 1 hard. Kernel is hard and flinty, a little darker than Red Fife and more plump than that variety. It is beardless, having smooth yellow chaff. Marquis wheat is the earliest, hardiest and heaviest yielding Spring Wheat adapted for northwestern conditions.

Soft Spring Club—An old favorite, grown especially for consumption at home for feeding purposes, a heavy yielder under irrigation. Probably the heaviest yielding soft Wheat known. We have records of 70½ bushels per acre being grown, and the crop from which our stock is selected produced 65 bushels this season. We believe our stock to be equal to the best in the country.

WHEAT—Continued.

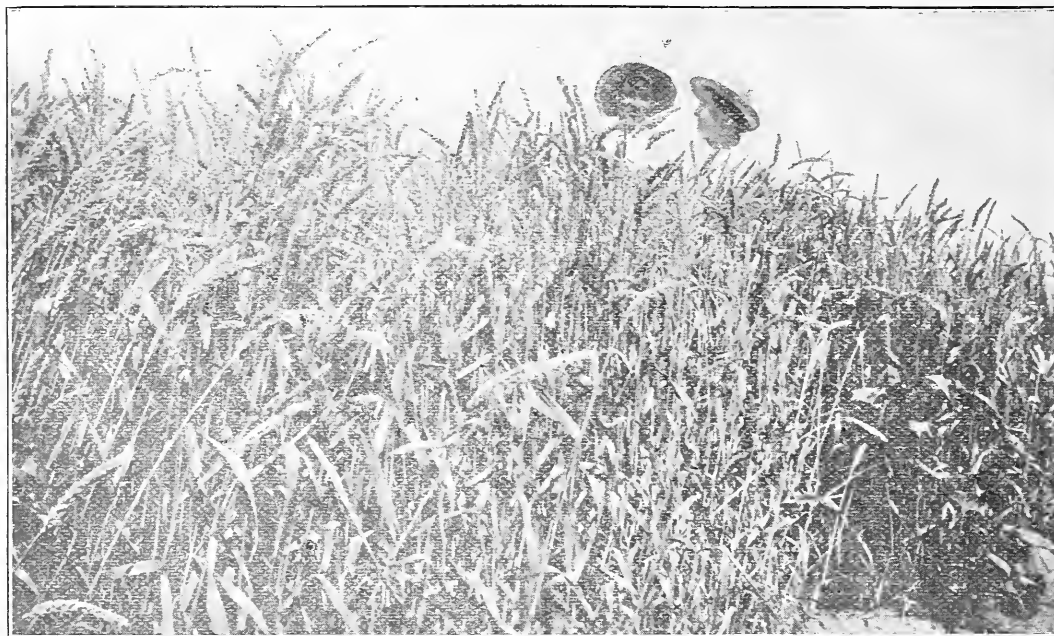
Deklo—The favorite semi-hard white Spring Wheat in Idaho where it is grown quite extensively. Our crop was grown at the suggestion of our county agent who recommends the variety very strongly.

FOR PRICES SEE RED INSERT—PAGE 80.

WINTER WHEAT—Kharkov or Improved Turkey Red—For delivery in July, write for Sample and price. The kernel is a little larger and berry a little lighter in color than the Turkey Red, of which this is an improvement. By various growers' reports the Kharkov is a better yielder by from 4 to 6 bushels per acre.

WINTER WHEAT—Turkey Red—For delivery in July, write for sample and price. We offer a true strain of the **Old Reliable Turkey Red**. The Farmers' and Millers' Friend.

Montana Grown Burbank Super Wheat (Winter)



On Ranch of J. H. Hoseman, Denton, Mont.

We are offering again this season Montana grown seed of this splendid Winter Wheat, raised by J. H. Hoseman, Denton, Montana.

The following results are taken from Mr. Hoseman's statement of his first experience with "Burbank Super Wheat" in 1917-18. Mr. Hoseman purchased one pound of the original seed secured by us from Luther Burbank in the Fall of 1917, sowing three-fourths of the pound on September 17, 1917. This was planted in rows 16 inches apart, and was cultivated by hand. It was fairly well protected by snow during the Winter of 1917-18, and received no irrigation whatever.

It was harvested between July 12th and 25th, 1918, and yielded 280 lbs. of cleaned wheat from three-fourths of a pound of seed, or at the rate of 56 bushels to the acre.

This is a phenomenal yield of Wheat but is one that will be gladly verified by Mr. Hoseman. Denton is located in the central part of the state at an altitude of 3600 feet.

From the above report which is borne out by similar reports from other points it is well determined that Burbank Super Wheat is a wonderful Winter Wheat for Montana, under normal conditions.

Sold in sealed bags only.

Per 5 lb. bag, 75c; 10 lb. bag, \$1.00; 25 lb. bag, \$2.25; 60 lb. bag, (bushel), \$4.50.

If desired by Parcel Post add postage and insurance.

MONTANA NO. 36.

We are offering this season for the first time the above-named wheat, "pedigreed stock", which was grown by Mr. Carl Knudson of Columbus, the crop being inspected and registered by the Montana Seed Growers' Association. The variety was bred up by Prof. Alfred Atkinson, head of the Montana Agricultural College, Bozeman.

Quoting from a letter from Mr. Knudson he says the seed disposed of to us was grown in the same field from which sweepstakes was won at the Midland Empire Fair at Billings and fourth prize at the Grain and Hay show held in connection with the International Livestock show at Chicago last winter; first at the Pure Seed show at Bozeman in January.

"Last year (1920), my Montana No. 36 averaged approximately 40 per cent, more per acre than other varieties I am sure this kind of wheat will help solve the winter wheat problems in this state, especially as regards drought and winter killing."

In a test of three years at the Montana Experiment Stations:

Montana No. 36 averaged 51.6 bushels per acre; Turkey Red, averaged 45.8 bushels per acre, Kanred, averaged 47.8 bushels per acre.

KANRED WHEAT

We recognize the fact that as Seedsmen one of our most important duties is to be always on the look out for new varieties of grain which for some reason or other are better than the older varieties of the same specie and arrange to secure and distribute the same to our patrons. Having this duty in mind we have secured for distribution this season a splendid stock of Kanred Winter Wheat grown from pedigreed stock. This wheat has produced 47.8 bushels per acre, average in a three year test at the Montana Agricultural Station at Bozeman, and is classed as a high grade Winter Milling Wheat which originated at the Kansas Agricultural Station from where many good grains have been bred.



View of Speltz Grown for Seed on Our Farm Which Yielded Over 50 bu. Per Acre.

SPELTZ OR EMMER

(Sow 70 to 80 lbs. per acre.)

White or Spring Emmer or Speltz is very similar to Barley in appearance and growth, and is especially adapted to the semi-arid districts of the Northwest, and can be relied upon to produce a fair crop even under the most adverse conditions. It produces heavy yields of grain, and straw which is equal in value to oat straw. Its extreme hardiness and drought resisting qualities, together with yielding qualities that surpass any other cereal makes it a grain of the utmost importance to the farmers in the North and Northwest.

Our seed stock has been bred up from the most hardy, high yielding strains, and has been carefully re-cleaned and graded and we believe that we are in a position to furnish you with the best that can be procured, and we know that it will prove to be the cheapest and best feed which you have ever grown upon your farm.

GROWING THE CROP

Soil—It will grow on any soil or in any climate where any other grain crop will grow.

Preparation of the Seed Bed—It can be sown on ground prepared the same as that upon which you would plant barley, wheat or oats. It is sown broadcast or by the use of a press drill.

Harvesting—Cut the grain when it is a little past the silk stage, when it will make a splendid grain and lots of straw.

RYE

SPRING RYE—True stock. Spring Rye makes an excellent crop where winter grain has been killed out, or for sowing where a fall crop has not been planted. For the dry farmer needing a sure crop of hay, Rye can be depended on to produce a good tonnage of excellent hay. Does not grow quite so large straw as Winter Rye, but usually yields well and grain is of fine quality. We call particular attention to the fact that we offer genuine Spring Rye.

FALL RYE—Amber—Winter Rye is much harder than Wheat and can be grown on a greater variety of soils. It will thrive in dry seasons and on light sandy loam. It is grown for grain, fodder, soiling purposes and green manure. Sow Aug. 20th to Sept. 15th—1½ bu. per acre if for grain, and 1½ to 2 bu. per acre for Fall pasture. If drilled 2 to 2½ in. deep there will be less danger of Winter killing. Our seed is selected, graded, and thoroughly cleaned. See cut of Amber Fall Rye on back cover, 6 ft. high, with 111 stools from one root.

Plant this to get a 50 per cent Increased Yield.

FALL RYE—"Rosen"—Rye cross-breeds like corn. In this respect it differs from wheat, which will not cross fertilize, if two or more kinds are grown together for years. To keep a pure rye pure, it should be grown away from a common crop, like you must grow yellow corn distant from white corn.

Farmers who have grown rye know that 15 to 20 bushels per acre is about what they can expect. Such farmers, who changed to the Rosen rye, are now getting 25 to 30 bushels, and 40 to 50 bushel yields are not very uncommon.

Now that Rosen rye has proven and established its superiority over the rye as commonly grown, and in practically all rye-producing sections, it should, at once, supplant the common rye.

BARLEY

White Hulless—No Barley of which we have knowledge has proved so valuable to the stock raiser as the White Hulless. It is not a malting variety, but for feeding purposes there is no Barley its equal in earliness, yield and quality.

Its Valuable Properties—It is hulless, beardless, and early; it weighs over 60 pounds to the measured bushel; yields well on good land; makes better pork than corn; it is of inestimable value to everyone who feeds stock. It is often grown for hay, coming very early and providing rich food. It should be cut just before it becomes ripe and while the straw is green. In this condition it is relished by all kinds of stock. The straw is stiff and straight, and seldom if ever does it lodge. Use 50 lbs. seed to acre on dry land for grain crop.

BARLEY—Guy Maple—(Bearded Hulless)—A blue barley similar to the White Hulless, but claimed to be a heavier yielder. It is a cross between the Black variety and the White, and requires the same treatment as the White Hulless.

Six-Row Manshury—This is an especially fine six-rowed barley. It has been highly improved so that it will produce plump grains with the greatest protein content, as well as strong, stiff straw and long, well-filled heads. In quality, both as to feeding value and for malting purposes, no other barley exceeds it. It yields abundantly and is early and very vigorous in growth. Seldom does a field of this grain lodge.

Six-Row Beardless—This is the variety so much in demand for a good hay barley on account of its being free from beards and at the same time if a grain crop is needed it yields very satisfactory crops.

Hubam has proven that it is everything that the leading agriculturists prophesied. It does grow fast, stock like it, it is highly nutritious, a very profitable seed crop and the greatest soil builder known. Even the threshed straw is a palatable and rich food. It has made good.

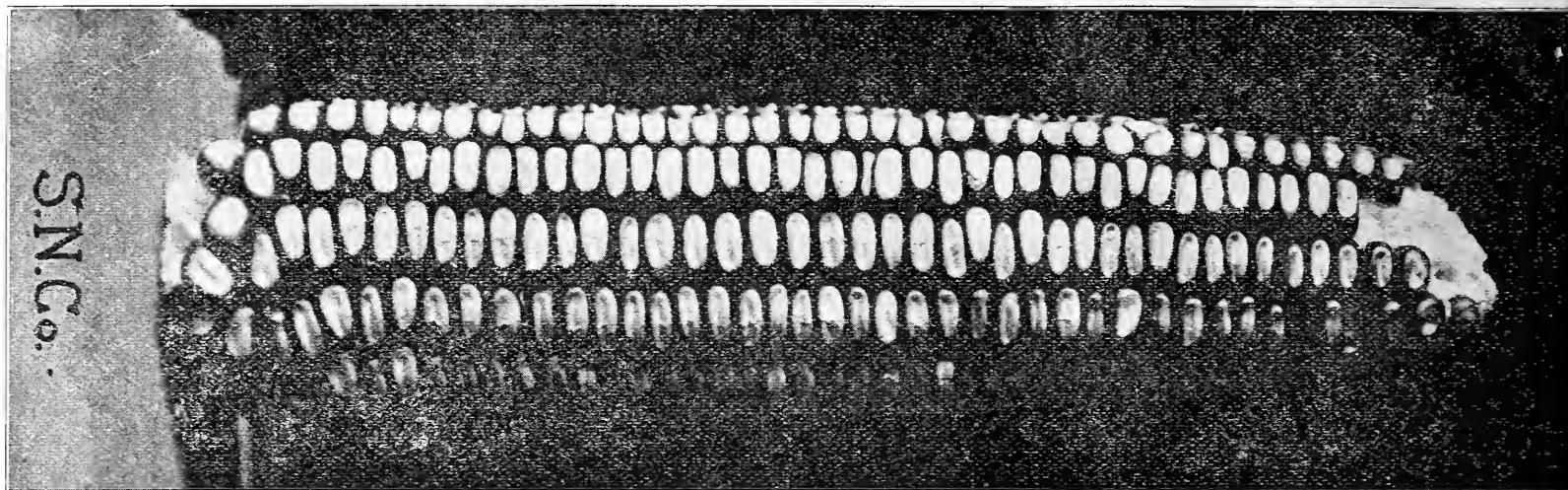
"Peerless Seeds are Guaranteed to comply with all PURE SEED LAWS—to be of high germination, honest weight and honest value. If at any time within 30 days of receipt of goods, you are not satisfied, for any reason, you may return the goods to us and we will refund the money, and all freight charges you paid. We stand back of every penny's worth of seeds we sell. It must please you or we want it back.

The average farmer has probably made up his mind already as to what he will grow this season and doesn't need a lot of cheap advice. We will, however, risk the following:

You can make no money on the crops you do not grow.

FIELD CORN

(15 lbs. will plant an acre in hills, 30 to 40 lbs. drilled for fodder.)



Extra Early Northwestern Dent.

The Earliest Dent Corn we know of. Strictly a High Altitude Corn—The Corn for the Northwest.

Northwestern Dent can be relied upon year in and year out to produce a larger yield, better Corn and mature more evenly than any other of the extra early corns.

It is the earliest and hardest Dent corn grown and can be depended upon to mature every season in the Dakotas, Northern Minnesota, and Montana, even when all other corns fail. The stalks grow about 7 feet high and the ears are borne over 3 feet above the ground, allowing the use of a corn harvester. The ears are of good size, from 7 to 9 inches long, have a thin cob and 10 to 14 rows of very deep, large kernels of red color with a yellow cap of slight variation. Northwestern Dent is a very productive variety; it has often harvested 75 to 85 bushels per acre; it matures in 75 to 85 days, according to the season.

FOR FODDER PURPOSES.

Grown for fodder purposes, Northwestern Dent ranks exceptionally high. Its earing proclivities are enormous, both ears and stalks being extremely juicy, succulent, nutritious and live stock of all description give it stated preference.

ADAPTABILITY.

Northwestern is strictly a high altitude Corn. It is peculiarly adapted to cold, adverse soils, thriving, maturing and making big yields when others fail. It accepts almost every condition of soil. It is generally conceded to be the best variety to grow when in doubt.

Our Montana seed Corn is raised at an elevation of 2600 ft. without irrigation, is thoroughly acclimated and is the result of several years careful selection. One of our growers was awarded 24 First Premiums at Montana shows in 1921 including Grand Champion Sweepstakes on Gehu Flint and Northwestern Dent.

EARLY WHITE DENT—The earliest pure white corn, maturing in 75 to 85 days, fully as early as Northwestern Dent, adapted for North Dakota and Montana. Yields much larger crops than yellow varieties, equally as early, and should be planted on poor and thin soils and also on cold and wet ground where it will thrive when other corn fails. The ears are of good size, usually 8 inches long; the kernels are long and deep, growing very compactly around the cob. The stalks average about 6½ feet in height, have large and heavy foliage, making an unusually fine fodder. Under average conditions the yield of White Dent is 75 bushels and over per acre.

RUSTLER WHITE DENT—This variety originated many years ago in South Dakota and is largely grown in our Northwestern states. Matures in 90 to 95 days. The average height of stalks is 7 feet. Average distance from base of ear to the ground, 3½ feet. Ears are large, 14 to 18 rowed, and closely filled with large, deep white kernels. This corn is admirably adapted to the northwestern climate. It yields fully as big a crop as any yellow dent. There is no better and more productive variety of White Corn grown in the Northwest which is as early as Rustler White Dent.

MINNESOTA NO. 13—Extra Early Yellow Dent—The commanding points of excellence which will place Minnesota No. 13 Corn at the head of the Yellow Dent varieties for northern planting are: Its clearness, its productiveness, its adaptability to a great variety of soils and climates. The ears average eight inches in length and are borne usually two on a stalk. Minnesota No. 13 thoroughly matures in 90 days when planted on favorable soil and in good location, but 95 to 100 days places it out of danger under average conditions.

FLINT CORN

North Dakota White Flint—A Pure Pearly White Flint Corn, recommended very strongly for Montana farmers. This Corn is the result of careful selection from the Old Squaw Corn for many years. Average height of stalk, 5 feet, average distance of ears from the ground 1½ feet, average length of ear 8 inches.

FOR PRICES SEE RED INSERT—PAGE 80.

Gehu—Yellow Flint—12 Rowed—recommended very highly by the Montana Agricultural College as being the most satisfactory Flint corn for Montana producing 2 to 3 ears average length of 8 inches.

SQUAW OR RAINBOW FLINT.

Extremely early and of dwarf habit. Ears are 7½ inches long, 8-rowed and of bluish color. The variety that Montana first started to raise.

POP CORN

WHITE RICE—A very handsome and prolific white variety. The ears are five to seven inches long. The kernels are long, pointed and somewhat resemble rice. This excellent variety yields heavily and is considered the best pop corn for parching.

JAPANESE HULLESS—The sensational pop corn which is commanding such high prices where corn is purchased for popping. It pops much more bulk per pound, as the grains are much smaller than other varieties, and is extremely sweet and tender. Try this new variety out the coming season and enjoy the best pop corn in the world. Our stock is all new crop and of high germination.

FODDER CORN

Most Economical, Earliest Feed Crop Grown

Corn, by virtue, and virtue alone, of its wonderful economic and feeding value, has established itself as the cheapest fodder in the world.

It is the one crop of all crops—in dry or wet, warm or cold weather, that can be depended upon to give large yields of rich, sugary, succulent, nutritive food.

In many respects Fodder Corn is in a class distinctly its own, standing out as the salvator of winter feed, now the foremost ration of the great west, made world famous with the introduction of the silo.

No first-class farmer—up to the times, wide-awake—allows a season to go by without planting from 3 to 10 acres in Fodder Corn. Use Fodder Corn in preference to hay, when the hay market is reasonably high, dispose of your hay and use fodder, because fodder corn can be grown for about one-fifth of what hay can; does splendidly for silos; and another thing, if you get such rich, luxuriant fodder corn as we offer it is almost as good, yes, many farmers say better, than the best hay, for cattle.

YELLOW FODDER CORN—
WHITE COB FODDER CORN—

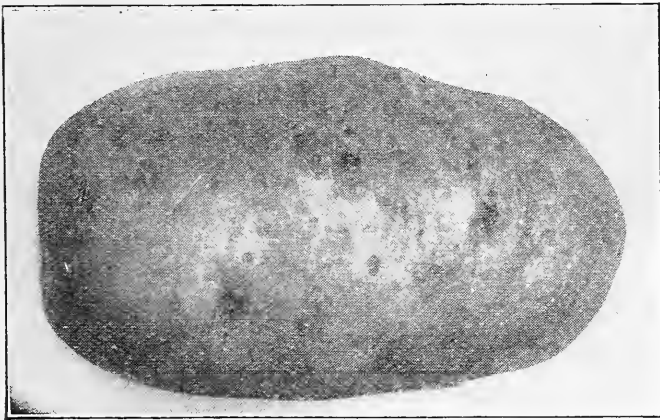
SEED POTATOES

CULTURE—Potatoes can be grown in any soil provided it is well drained, but if grown on sandy, rich soil, they will be of better quality than if planted on clay soil. On light soils, early varieties may be planted three or four inches deep and late varieties four to five inches deep. Early varieties are planted any time after the middle of April, but there is danger of their being caught by frost if planted before May 15. The cut seed should be as blocky in shape as possible, long pieces are more likely to rot in the ground.

TREATMENT—We recommend either of the following treatments of seed potatoes to prevent scab, blackleg, etc., as follows: Formaldehyde 40 per cent, Commercial solution 1 pt.—Water 30 gallons. Soak the potatoes in this solution for two hours and spread out to dry about two hours before planting. Corrosive Sublimate Treatment. Dissolve four ounces of Corrosive Sublimate in hot water, and dilute to thirty gallons. Leave uncut potatoes in this solution for ninety minutes, then remove and dry. Add one half ounce of dissolved Corrosive Sublimate for each five bushels treated. **Remember that Corrosive Sublimate is a deadly poison and that the potatoes treated in it are poisonous.** The solution however will not hurt the hands. Do not use metal containers for the solution.

500 to 700 lbs. of seed potatoes are required per acre when rows are 3 feet apart, and 16 to 18 inches apart in the rows.

DATE OF SHIPMENT—Potatoes will be shipped at any date ordered, but where no special instructions are given, we will hold order until, in our judgment, there will be no danger of freezing.



Early Ohio.

EARLY OHIO—Certified Pedigreed Strain—Grown in the famous Red River Valley. A Pedigreed Early Ohio potato of the highest type. It is the result of many years close, careful selection, to improve the shape, develop the size, increase the yield, to revitalize the strain and eliminate deep eyes. This has resulted in the elimination of the undesirable features, and produced a strain of wonderful quality, productiveness and appearance. The vines grow erect and compact on the hills. The Tubers have a smooth skin, with pure white flesh, cooking mealy and dry. We offer this famous strain to those who really desire high class, selected and highly bred potatoes, which will return to the grower a large crop of fine, early marketable tubers of class and quality.

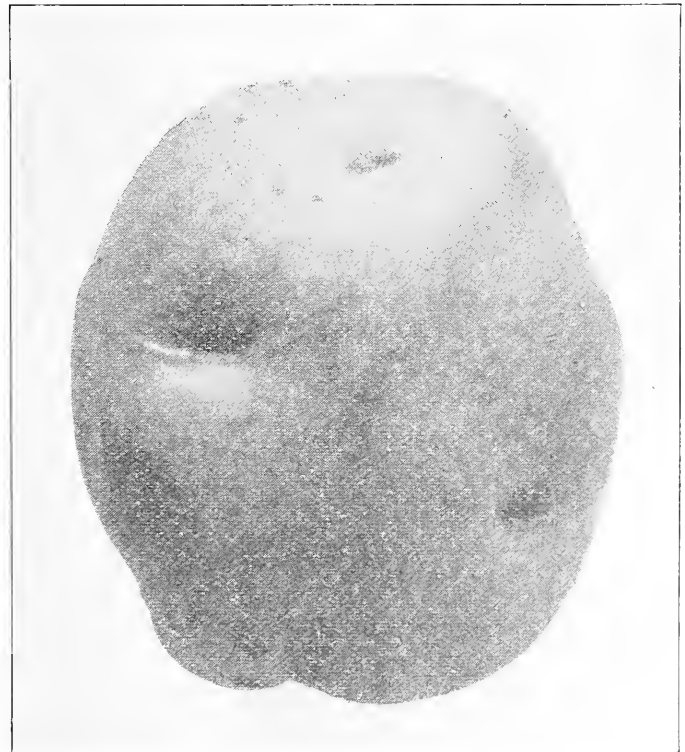
EARLY OHIO—(Not Pedigreed)—The Early Ohio is the most popular first early known. Irrespective of soil and climatic conditions, it will thrive and multiply, and demonstrate its superiority wherever grown. It is one of the earliest of the early varieties, and unquestionably the most profitable. Has a smooth pinkish skin, pure white flesh, and of a fine flavor. A great favorite.

EARLY SIX WEEKS—Thought by some growers to be the earliest of all, and valuable for market gardeners. A perfect table potato, and a wonderful yielder. Ready for market in six weeks and matures in 72 days, two weeks ahead of most varieties.

NETTED GEM—Sometimes called the **Russet Burbank**. A late variety with brownish russet skin, flesh white, shallow eyes, rather long shape. Netted Gem is an excellent yielder, very regular in size, and is unsurpassed as a baking potato. The tubers present an excellent appearance, and are splendid ship-pers.

Montana grown potatoes always find a ready market, therefore we advise a good patch as part of each formers crop.

POTATOES FOR DRY LAND FARMING



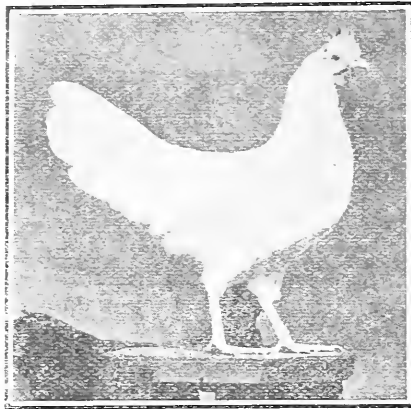
Pink Eye.

RED PINK EYE—Grown especially for us on dry land without irrigation at an altitude of 5500 feet. It has a red skin, but the meat is perfectly white, cooking mealy and white. We recommend this seed for non-irrigated land, as it is a good producer and a wonderful keeper.

WHITE PINK EYE—The same description applies to this potato as to the Red Pink Eye, except that both the skin and meat are white, with a Pink eye. The shape of both is a slightly flattened oval.

BEAUTY OF HEBRON—This potato is also grown for us on dry land at an elevation of 5500 feet. In shape it resembles the Pink Eye, the skin having a rainbow tint of red.

SEE RED INSERT—PAGE 82.—FOR PRICES.



Sweepstakes Pullet State Fair 1920

STANDARD BRED POULTRY

DAY OLD CHICKS

HATCHING EGGS AND BREEDING STOCK

The State Nursery and Seed Co., have made arrangements this year to handle poultry stock from the J. R. Scott Poultry Farm. Orders may be sent direct to us, and when included with seed and plant orders should be made out on separate order sheet to insure prompt attention.

INTRODUCING J. R. SCOTT, POULTRY BREEDER

For 11 years we have devoted our best efforts to the building of a heavy laying exhibition strain of White Leghorns. We were not long in discovering that with out trapnests and a pedigree system we would accomplish little, and we set ourselves to the task. We are now able to place our hands on several generations of heavy laying exhibition breeders. If asked to price our hen No. 531 and several of her immediate family, we would be obliged to say. They are not for sale. They are the ideal Leghorn type of to-morrow and our hopes and possibilities lie in them.

Our show record for the past 10 years is a matter of history. Having won more prizes in this class, at Montana's Best shows than all competitors combined. Every bird our own breeding. Many of our hens have passed the 200 egg mark and are doing it in the hands of others. Four out of six pullets entered at the Ali-Northwest Laying Contest were 200 egg birds, gaining admittance to the Honor Roll. Customers report pullets laying at four months of age. One man says, "Eighteen out of 48 pullets have passed the 200 egg mark in 10 months and still going." 2nd Hen State Fair 1921 laid 214 eggs in 11 months, 4th hen laid 217 eggs at Ali-northwest Laying Contest. No. 19-469 has an Official record of 202 eggs in 9 months.

We take this opportunity of thanking those who have favored us with their orders. Many of your names have appeared on our order book year after year. With our improved facilities we are better prepared to handle your future orders than ever before.

Sincerely yours

J. R. SCOTT POULTRY FARM.

BREEDING STOCK

We can ship you birds to win at practically any show in the Northwest or Range Raised Trap Nested Breeders for your laying pens. We will ship no stock the origin of which is unknown and we make no attempt to compete with prices quoted by huxter firms on inferior stock haphazardly purchased. Our prices are just as reasonable as trap nested and pedigreed stock can consistently be sold for. While the Scott Farm will be devoted to the production of white leghorns we will handle other popular breeds and varieties. The additional breeds will be grown largely on other farms but the hatching and pedigreeing will principally be done at the home plant along careful and systematic lines, with the aim of bringing them to the same degree of popularity and usefulness that characterize the "Scott's Utility Beauty Strain" White Leghorns. All birds will be shipped on approval. If they are not perfectly satisfactory in every respect, feed, water and return them express prepaid and we will refund your money in full.

COCKS AND COCKERELS

Large, thrifty, fully developed birds, well up in standard requirements from heavy laying trapnested females, \$5.00 to \$7.50 each. Select, beautifully finished, pedigreed birds for special matings, from hens with excellent trap nest records and good enough to win at a majority of shows, \$10.00 to \$25.00 each.

HENS AND PULLETS

The value of these birds is determined by their individual development and standard quality, their trap nest records and the breeding records of the parent stock. \$3.00 to \$10.00 each.

BREEDING PENS

We can mate foundation breeding pens of four pullets and a cock, or four hens and a cockerel, with the proper blood lines for the results desired. These matings are for particular people looking for the best and range in price from \$25.00 to \$100 each.

EGGS FOR HATCHING

For all settings costing \$5.00 or more we guarantee every egg to be fertile. All infertile (clear) eggs will be replaced free of charge if returned in original shipping case, express or postage prepaid, within ten days from time eggs are set. From all other matings we guarantee 90% fertility under the same rules mentioned above. If you fail to get a good hatch, tell us what in your estimation caused the trouble and we will endeavor to adjust the matter to your satisfaction.

PARCELS POST

We will ship chix or eggs by parcels post when requested but can not guarantee safe arrival or a good hatch.

ADVANCE ORDERS

We would advise placing your orders as early as possible, to insure delivery on date desired, especially if you want early chix. The early hatches are frequently all engaged long before the hatching season begins. On such orders a deposit of one-fourth the total amount must accompany the order; the balance to be paid before date of shipment.

DAY OLD CHIX

We will ship chix any distance which can be reached within two or three days and guarantee safe delivery to your nearest express office. It is not often chix die in transit but they occasionally receive rough treatment and we do not ask you to stand the loss. The Scott hatching plant is one of the oldest and largest in the state and has turned out thousands of chix annually for the past 10 years (formerly located at Grant, Montana) which have been shipped to practically every northwest state.

STATE NURSERY AND SEED CO.

NURSERYMEN—SEEDSMEN—FLORISTS
HELENA, MONTANA

ORDER NUMBER

Do Not Write in These Spaces

Date192..... Amount Enclosed \$.....

SHIP BY—

MARK X AFTER OF SHIPMENT	METHOD DESIRED
-----------------------------	-------------------

—Parcel Post ☐ Express ☐ Freight ☐

To (Name) _____
(WRITE VERY PLAIN)

Street & No. P. O. Box

Post Office R. F. D. Box

County.....State.....

Is there an agent at this station? Yes or No.....

Freight or Express Station If no agent—Freight or Express must be prepaid.

If Out of Variety Ordered, Have We Your Permission to Substitute Equal or Better in Nearest We Can Supply?

STATE NURSERY & SEED CO. do not give, and their agents and employees are forbidden to give, any warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants, etc., they send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned and money paid for them will be promptly refunded.

[illegible]

WE GUARANTEE SAFE DELIVERY OF SEEDS BY PARCEL POST IF INSURED. IF THIS IS DESIRED ADD FEE TO REMITTANCE. IF IN NEED OF MORE ORDER SHEETS AND SELF ADDRESSED ENVELOPES ASK FOR THEM, THEY WILL BE MAILED FREE.

STATE NURSERY AND SEED CO.

ORDER NUMBER

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WE GUARANTEE SAFE DELIVERY OF SEEDS BY PARCEL POST IF INSURED. IF THIS IS DESIRED ADD FEE TO REMITTANCE. IF IN NEED OF MORE ORDER SHEETS AND SELF ADDRESSED ENVELOPES ASK FOR THEM, THEY WILL BE MAILED FREE.

NOTICE: KINDLY SEND THE NAMES OF YOUR ACQUAINTANCES WHO USE SEEDS AND NURSERY STOCK.

[illegible]

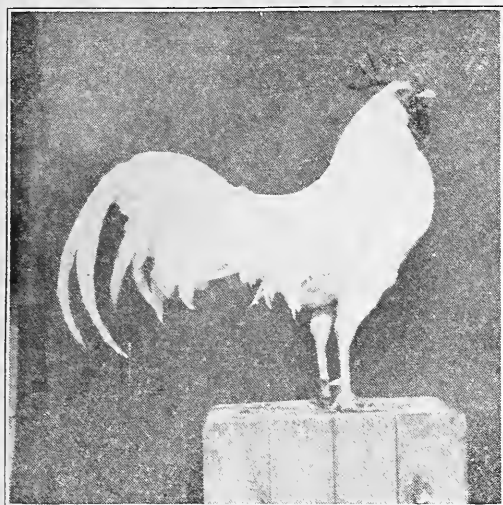
WE GUARANTEE SAFE DELIVERY OF SEEDS BY PARCEL POST IF INSURED. IF THIS IS DESIRED ADD FEE TO REMITTANCE.

SPECIAL NOTICE—If you will kindly send us the names of your flower loving friends—and those of farmers or ranchers of your acquaintance—with your order, we will be glad to place them on our mailing lists.

[illegible]

PLEASE DO NOT USE SPACE BELOW.

PLEASE DO NOT USE SPACE BELOW.						
FILLED BY	CHECKED BY	PACKED BY	NO. PKGS.	NO. SACKS	NO. BOXES	DATE
						PARCEL POST EXPRESS FREIGHT



Grand Champion Cockerel State Show February 1918
First Cock State Show January 1919
Grand Champion Old Pen Cock State Show January 1921

Scott's "Utility Beauty Strain" White Leghorns

RANGE RAISED TRAP NESTED PEDIGREED

The most consistent winning strain at Montana's Best Shows for 10 consecutive years.

EXHIBITION MATINGS

These matings represent the cream of our production for several years and were selected from the thousands we have raised in that time. Consisting of such birds as Sweepstakes Cockerel, Best Shaped Bird in Show, 1-2-3-4-5 Hens, 1-2-3-4-5 Pullets State Fair 1921; Sweepstakes Cockerel, Sweepstakes Pullet, 1-2-3-4-5 Hens, 1-3-4-5 Pullets State Fair 1920; Sweepstakes Hen Mediterranean Class, Grand Champion Old Pen, 1st Young Pen, 1-2-4 Hens, 2-4 Pullets State Show Jan. 1921 and many others of equal exhibition quality with trapnest records of 200 eggs and better in 12 months.

Price For Matings No. 1 and No. 2

Eggs\$15.00 per 15
Chix\$1.50 each; \$35.00 per 25

Price For Matings No. 3 and No. 4

Eggs\$10.00 per 15
Chix\$1.25 each; \$25.00 per 25

Prices For Matings No. 5 and No. 6

Eggs\$5.00 per 15; \$15.00 per 50; \$30.00 per 100
Chix75c each; \$17.50 per 25; \$30.00 per 50; \$50.00 per 100

UTILITY BEAUTY MATINGS

Matings No. 7, 8, 9 and 10.

These are double matings consisting of 30 females and two males each, run alternately to insure strong fertility. Heading these matings are such birds as 1st Farm Flock Cockerel State Fair 1920 and 2nd Farm Flock Cockerel 1921; 1st cockerel State Fair 1919; 2nd and 5th cockerels and 1st cock State Fair 1920; 1st and 2nd Pen Cocks and 1st Pen Cockerel State Show 1921.

The hens and pullets in these matings are the best we have after the few very select individuals have been chosen for the individual matings. They are sisters, mothers and daughters of the best we have and most of them are pedigreed. All have been trapnested through the winter months of their pullet year, making better than average records.

Price For Matings 7-8-9 and 10.

Eggs\$3.50 per 15; \$9.00 per 50; \$17.50 per 100; \$150 per 1,000
Chix\$10.00 per 25; \$18.00 per 50; \$35.00 per 100; \$300 per 1,000

UTILITY OR FLOCK MATINGS

These matings carry the same blood lines as our very best birds. In fact, many exhibition matings could be picked from them. They come from strong vigorous trapnest selected stock and the poorest bird among them would be a credit to any farm flock or commercial plant. They are mated with high grade cocks and cockerels well up in standard requirements, with the egg producing blood lines in them.

Price For Flock Matings.

Eggs\$2.50 per 15; \$6.50 per 50; \$12.50 per 100; \$100 per 1,000
Chix\$7.00 per 25; \$13.00 per 50; \$25.00 per 100; \$225 per 1,000

Special Reduced Prices after May 15th.

ROSE AND SINGLE COMB ANCONAS

Exhibition Matings No. 1 to No. 5 (Either comb).

Heading the Single Comb matings are 1st Cock State Show Jan. 1921; 2nd Cockerel State Fair 1921; 2nd and 3rd Cockerels State Fair 1920. Mated to hens and pullets including Sweepstakes Pullet State Fair 1921; 4th Pullet Chicago Coliseum 1920; 1-2-4-5 Hens, 1-2-5 Pullets State Show Jan. 1921; and others of like quality.

Males heading the Rose Comb matings are 1st Cockerel Chicago Consuem 1920; 1-3 Cockerels State Fair 1921; 1st Cock State Show Jan. 1921; mated to such females as 2-5 Pullets, 1st Young Pen Pullets State Show Jan. 1921; 2-3-4- Hens; 2nd Old pen, 2-3 Young Pens State Fair 1920 and many other trap nested, pedigreed birds with splendid egg records and equal in standard quality.

Price for Matings No. 1 and No. 2 (Either comb.)

Eggs\$15.00 per 15
Chix\$1.50 each; \$35.00 per 25

Price for Mating No. 3 (Either comb.)

Eggs\$10.00 per 15
Chix\$1.25 each; \$25.00 per 25

Price for Mating No. 4 (Either comb.)

Eggs\$5.00 per 15
Chix75c each; \$17.50 per 25

UTILITY BEAUTY MATINGS (Either Comb)

These are double matings consisting of 30 females and 2 males each. Are sisters, mothers and daughters to the very best.
Eggs\$3.50 per 15; \$9.00 per 50; \$17.50 per 100
Chix\$10.00 per 25; \$18.00 per 50; \$35.00 per 100

UTILITY OR FLOCK MATINGS (Single Comb Only)

These matings consist of thirty, well developed cocks, hens, cockerels and pullets. Good in color and carry the bloodlines of the very best laying stock. Some were trapnested through the winter months and the poor producers removed.

Eggs\$2.50 per 15; \$6.50 per 50; \$12.50 per 100; \$100 per 1,000
Chix\$7.00 per 25; \$13.00 per 50; \$25.00 per 100; \$225.00 per 1,000

BARRED PLYMOUTH ROCKS

With eight splendid matings of this grand breed to select from we can supply the most exacting fancier in either light or dark. These birds carry the blood lines of the very best in the entire country and contain such birds in the dark matings as 4th cockerel, 4th and 5th pullets State Fair 1921; 2nd young pen State Show Jan. 1921; 4th and 5th light cockerels State Fair 1921.

Eggs, Select Matings (Light or Dark)	.....	\$15.00	per 15
Chix	.....	\$1.50 each; \$35.00	per 25
Eggs, Choice Matings (Light or Dark)	.....	\$10.00	per 15
Chix	.....	\$1.25 each; \$25.00	per 25
Eggs, Good Matings (Light or Dark)	.....	\$5.00	per 15
Chix	.....	\$.75 each; \$17.50	per 25
Eggs Grade Matings (Light or Dark)	.....	\$3.50	per 15
Chix	.....	\$10.00 per 25; \$18.00 per 50; \$35.00	per 100

BUFF PLYMOUTH ROCKS

Three select matings of wonderfully fine developed, thrifty birds of rich even buff and excellent laying ability. Including several prize winners of outstanding quality.

Mating No. 1, \$7.50 per 15 eggs;	.....	Chix	\$1.00 each
Mating No. 2, \$5.00 per 15 eggs	.....	Chix	\$.75 each
Mating No. 3, \$3.00 per 15 eggs	.....	Chix	\$.35 each

WHITE PLYMOUTH ROCKS

A fine foundation been headed by 1st Cock Spokane 1921 also 2nd Cock State Fair 1921. Mated to hens and pullets including 3rd and 4th hens, 1st Old Pen State Fair 1921 and other heavy laying birds of the Wilks 200 egg strain.

Eggs, \$5.00 per 15	Chix	\$.75 each
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SINGLE COMB RHODE ISLAND REDS

Three special matings of excellent type and color with the egg laying qualities thoroughly bred into them.

Mating No. 1, Eggs, \$7.50 per 15	.....	Chix	\$1.00 each
Mating No. 2, Eggs, \$5.00 per 15	.....	Chix	\$.75 each
Mating No. 3, Eggs, \$3.50 per 15	.....	Chix	\$.35 each

ROSE COMB RHODE ISLAND REDS

Thrifty farm raised birds of good color and type, excellent laying qualities. Mated with cocks and cockerels of real merit.

Special Mating, Eggs, \$5.00 per 15	.....	Chix	\$.75 each
Flock Matings, Eggs	.....	\$2.50 per 15; \$6.50 per 50; \$12.50	per 100
Flock Matings, Chix	.....	\$9.00 per 25; \$17.00 per 50; \$30.00	per 100

WHITE WYANDOTTES

Three splendid matings of bred-to-lay exhibition birds containing 1st Cock, 4th Cockerel, 1-2-3 Pullets State Fair 1921; 2nd Cock, 3-4 Hens and 2nd Pullet State Show 1921.

Mating No. 1, Eggs, \$10.00 per 15	.....	Chix	\$1.25 each
Mating No. 2, Eggs, \$5.00 per 15	.....	Chix	\$.75 each
Mating No. 3, Eggs, \$3.00 per 15	.....	Chix	\$.35 each

SILVER WYANDOTTES

Two excellent matings, the foundation of which comes direct from one of the most reliable breeders of America and have 25 years of systematic breeding back of them.

Mating No. 1, Eggs, \$5.00 per 15	.....	Chix	\$.75 each
Mating No. 2, Eggs, \$3.00 per 15	.....	Chix	\$.35 each

WHITE ORPINGTONS

Three splendid matings from one of the best flocks of this breed in the State, containing prize winning birds from some of Americas largest shows, the Montana State Fair and the Montana State Poultry Breeders Show.

Mating No. 1, Eggs, \$10.00 per 15	.....	Chix	\$1.25 each
Mating No. 2, Eggs, \$ 5.00 per 15	.....	Chix	\$.75 each
Mating No. 3, Eggs, \$ 3.00 per 15	.....	Chix	\$.35 each

WHITE LANGSHANS

The birds in these matings won all awards in their class at the Montana State Fair 1921 and are grand specimens of the breed.

Mating No. 1, Eggs, \$10.00 per 15	.....	Chix	\$1.25 each
Mating No. 2, Eggs, \$ 5.00 per 15	.....	Chix	\$.75 each

BLACK MINORCAS (Single Comb)

Three matings of thrifty, trapnested birds with high egg records including such birds as 1st Cock, 1st Cockerel, 2nd Hen Montana State Fair 1921; 2nd Cock, 2nd Cockerel State Show Jan. 1921.

Mating No. 1, Eggs, \$10.00 per 15	.....	Chix	\$1.25 each
Mating No. 2, Eggs, \$ 5.00 per 15	.....	Chix	\$.75 each
Mating No. 3, Eggs, \$ 3.00 per 15	.....	Chix	\$.35 each

SILVER CAMPINES

These matings contain 1-2 Cockerels, 1-2-3-4-5 Pullets, State Fair 1921 in strong competition. 1st Cockerel was a strong contender for Sweepstakes Cockerel of entire show.

Mating No. 1, Eggs, \$7.50 per 15	.....	Chix	\$1.00 each
Mating No. 2, Eggs, \$5.00 per 15	.....	Chix	\$.75 each
Mating No. 3, Eggs, \$3.00 per 15	.....	Chix	\$.35 each

MAMMOTH BRONZE TURKEYS

Eggs \$.50 each.

GEESE

Toulouse and Emden.

Eggs \$.50 each.

DUCKS

Pekin, Indian Runner, Mallard.

Eggs Three for \$1.00.

PIGEONS

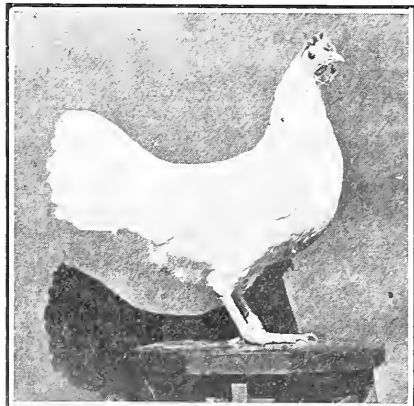
Red and Splashed Carneaux; White Kings and White Homers.

\$3.00 to \$7.00 per pair

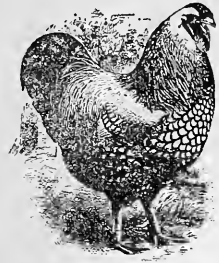
NEW ZEALAND RED RABBITS

Pedigreed and Eligible to Registry.

\$3.00 to \$15.00 each.



First Hen State Fair September 1920



Poultry and Animal Regulators Remedies and Supplies



WE CARRY A COMPLETE LINE OF POULTRY REMEDIES, ETC., WHICH ARE ABSOLUTELY THE BEST THAT EXPERIENCE CAN SUGGEST OR MONEY CAN BUY. IT WILL PAY YOU TO BUY THEM.



PRATT'S BUTTER-MILK BABY CHICK FOOD

"JUST WATCH THEM GROW"

Should be fed the first three weeks. It is essential to the nourishment of chicks that they be fed with food that can be thoroughly and easily digested. Baby Chick Food is balanced to suit the needs of chicks from the day they emerge from their shells. It will raise more chicks than any other food. Price 2½ lb. pkg., 35c; 5¼ lb. pkg., 70c; 14 lbs., bag, \$1.50; 25 lbs., \$2.50.

NOTICE—If wanted by mail add postage.

RATES FOR PARCEL POST—SEE PAGE 70.

PRATT'S POULTRY REGULATOR AND EGG PRODUCER

Contains all the necessary elements in accurate and scientific proportions that hens need for egg making. It builds up vitality and stimulates egg production. Poultry Regulator is used by the most successful poultry raisers everywhere. Perfectly pure and free from harmful substance. Price 26 oz., 30c; 4 lbs., 65c; 12 lb. sack, \$1.50; 25 lb. sack, \$3.00.

NOTICE—If wanted by mail add postage.

RATES FOR PARCEL POST—SEE PAGE 70.



PRATT'S LICE KILLER POWDER

One of the most perfect lice killers especially valuable for use on young chicks and setting hens. It rids horses, cattle, hogs, dogs and cats of lice, also ticks on sheep. It is thoroughly effective as a destroyer of vermin and absolutely harmless to the chick.

Price, 1 lb., 30c; postpaid, 35c; 2½ lbs., 60c; postpaid, 70c.

PRATT'S HEAD LICE OINTMENT

Thousands of little chicks are killed each year by head lice. Pratt's Head Lice Ointment is a carefully prepared non-poisonous article and is instant death to the murderous lice, while it is absolutely harmless to the little chick. Price, box 35c, postpaid.



SPECIAL REMEDY FOR CHOLERA

Cholera creates a continuous and violent desire for water. For the treatment of cholera, indigestion, bowel trouble, and all kindred troubles in chicks or grown fowls this remedy is excellent. As cholera is very contagious, Cholera Remedy should be kept on hand by every one who raises little chicks.

Price, 25c; large size, 50c, postpaid.

HEALING OINTMENT

Injuries of any kind are healed naturally and permanently, and pain quickly relieved by applying Pratt's Healing Ointment. Sores, cuts, scratches, wounds, burns, barbed wire cuts, as well as skin eruptions, eczema and itching are quickly cured. Corns, harness and saddle galls disappear in short order. You should have this ointment handy at all times. Price, box, 35c postpaid.

PRATT'S CONDITION TABLETS

An easy and effective remedy for "run-down" birds. Keeps show birds in condition and prevents colds, roup and liver trouble. Price, 25c, postpaid.

S. N. & S. CO.'S Peerless Poultry Feed—See Page 117
RATES FOR PARCEL POST SHIPMENTS—SEE PAGE 70

WHITE DIARRHOEA REMEDY

"The Baby Chick Life Saver."

This is one of the greatest chick life savers ever put on the market. Thousands and thousands of little chicks die each year from the fatal white diarrhoea. It carries off from 60 to 75 per cent of all chicks hatched. Pratt's White Diarrhoea Remedy in the drinking water kills the specific organism which causes the disease, and saves the hatch. Used as a preventative when hens are laying, because it will prevent this deadly organism from developing in the egg. If a hen is used for hatching give her Pratt's White Diarrhoea Remedy in the drinking water so there will be no chance of infection from droppings. This is preventative treatment.

Price 25c, large size 50c, postpaid.



PRATT'S ROUP REMEDY

This wonderful remedy is used in every civilized country in the world. The reason is it cures. For fowls that sneeze, gasp and wheeze, also having a watery discharge from the nostrils and eyes. It prevents colds and is excellent for turkeys. Pratt's Roup Remedy will save your fowls and make them profitable. Price, 25c, large size 50c, postpaid.

GERMOZONE

A tonic; a bowel regulator; a system builder. The best preventive and cure for Roup, Cholera, Bowel Complaint and most other poultry diseases. In more general use today than any other poultry medicine ever manufactured. Given twice a week in the drinking water to all fowls. It keeps them in prime condition. No poultryman should ever be without Germozone. Put up in tablets. Price, 25c; large size 75c, postpaid.

SCALY LEG

This disease is caused by a parasite working underneath the scales of the feet and legs, often making it difficult for the bird to walk. Scaly leg is contagious, and while not fatal, is injurious to the bird and its sale value as well as its usefulness. It is simple to apply and is guaranteed to cure. It is also excellent as a dressing for the feet and legs of show birds, increasing their "point" value and putting them in the very best possible condition as prize winners. Price, 35c, postpaid.



PRATT'S ANIMAL REGULATOR

It keeps horses well and strong, improves their wind and makes their coat sleek and glossy. Cows give better milk and their calves are strong and healthy and steers fatten in half the time.

Price, 65c and \$1.30 packages.

12 lbs. pails, \$2.50.

NOTICE—If wanted by mail add postage.

RATES FOR PARCEL POST—SEE PAGE 70.

PRATT'S COW REMEDY

Cow tonic increases the milk supply and makes it rich in butter fat. Cow tonic enables the cow to turn more of the feed into milk and keep up the full flow for a much longer period. It is a positive remedy for scours.

Price, 2 lbs., 65c; 12 lb. pail, \$3.00.

NOTICE—If wanted by mail add postage.

PRATT'S WORM POWDER

Is a special preparation for the destruction of all kinds of worms in horses, cows, hogs and sheep. It is purely vegetable and is unquestionably the quickest, surest and most thorough worm destroyer procurable. Price, pkg. 50c, postpaid.

NEST EGGS

Made of white porcelain, natural in appearance and uniform in size. They induce the hen to lay where she should. With these there is no danger of getting stale eggs mixed with the fresh ones, or the hens acquiring the habit of egg eating. They are extra heavy and will not easily break. 3 for 15c; 6 for 25c, postpaid 30c; 12 for 50c, postpaid 55c.



KNOWN THE WORLD OVER

Blatchford's Products

CALF MEAL

It is mighty important for the calf-raiser to develop his calves just as economically as possible. Every dollar saved in raising them is a dollar earned. Therefore, you will readily see that it pays to feed Blatchford's Calf Meal because you can use it at less than half the cost of using milk. At the same time your calves will grow and develop every bit as well. Blatchford's is a milk-substitute of highest quality, which calf-raisers have used in this country for over 40 years. It raises real calves at a real money-saving.

Sold in 100-, 50- and 25-pound bags.
Satisfaction guaranteed with every bag.

PIG MEAL

Wean your pigs on Blatchford's Pig Meal and they will grow rapidly—develop muscle, bone, frame, vitality.

Blatchford's Pig Meal is a smooth, soluble meal, which, when mixed with skim-milk or warm water, forms a rich liquid feed so nearly representing the sow's milk in nourishing qualities that young pigs fed upon it thrive and make rapid, steady growth all through the usually critical weaning period.

Sold in 100-, 50- and 25-pound bags. Satisfaction guaranteed.



THE outstanding reason for the great popularity of the Blatchford line of milk-substitutes for calves, pigs, lambs, colts, rabbits and poultry, is that each of them gives bigger profits, better and quicker results to farmers, dairy-men and poultrymen than they can secure from anything else. Always insist on *Blatchford's*—the name is a guarantee of satisfaction.

LAMB MEAL

Blatchford's Lamb Meal is so easily assimilated by the tender stomach of the young lamb because it contains all the elements found in natural milk, including oil, sugar and albuminous compounds in correct proportions and in the most digestible form for lambs. This nourishing milk-equal weans lambs properly and produces rapid growth.

Sold in 100-, 50- and 25-pound bags. Guaranteed Satisfactory.

RABBIT MEAL

Solves the rabbit-feeding problem for weaning rabbits, nursing does, "meat" rabbits and fitting rabbits for the show. This inexpensive milk-substitute feed contains all the nutritive elements the rabbit requires for proper development and growth. It will put your rabbits in good condition and keep them so.

Sold in 100- and 25-pound bags.
Contains no drugs or tonics.

CHICK MASH

You will be surprised how rapidly your chicks will grow when fed on Blatchford's Chick Mash (formerly called Blatchford's Milk Mash). In fact there isn't another feed on the market that will push them along so rapidly, or so satisfactorily.

Blatchford's Chick Mash is not simply a feed for chickens. It is a carefully milled and prepared milk-substitute which is used by the most prominent poultrymen in the country for starting and growing their chicks.

Sold in 100- and 25-pound bags.
Satisfaction guaranteed.

EGG MASH

Get more eggs than you ever got before! There's no great secret or mystery about getting eggs. It is almost entirely a matter of feeding. Thousands of poultrymen have found that by feeding Blatchford's Egg Mash they made their hens lay more eggs than they had ever laid before. If you want to increase your egg production, here's the sure way to do it—feed Blatchford's. Try it on our recommendation. It is a quality feed through and through and makes good every time.

Sold in 100- and 25-pound bags.
Every bag guaranteed to give satisfaction.



ALL BLATCHFORD PRODUCTS ARE GUARANTEED

	25 lbs.	100 lbs.		25 lbs.	100 lbs.
Blatchford's Calf Meal	\$1.40	\$5.50	Blatchford's Chick Mash, 4 lb. pkt. 50c	\$1.40	\$5.35
Blatchford's Pig Meal	1.25	4.75	Blatchford's Lamb Meal	1.40	5.50
Blatchford's Egg Mash	1.20	4.55	Blatchford's Rabbit Meal, 5 lb. pkt., 60c	1.40	5.35

PRICES SUBJECT TO CHANGE—NOTICE:—IF WANTED BY MAIL ADD POSTAGE. FOR PARCEL POST SEE PAGE 70.

ASK FOR BOOKLET AND LEARN HOW OTHERS MAKE BIG PROFITS BY USING BLATCHFORD'S PRODUCTS.

American Baby Chick Pans

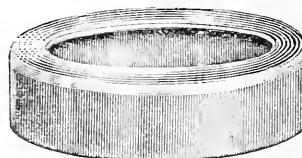
BEST FOR BABY CHICKS



3 Pans 75c POST PAID 4 Pans \$1
Fit any Mason Jar—Easy to clean—Sold by

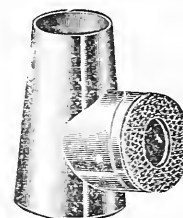
The American Baby Chick Pans are easy to fill and very easy to clean, will fit any size Mason Jar. Considered the best on the market.

We sell pans only as Mason Jars are obtainable anywhere.



RABBIT FEEDER

Are made of fire clay, highly glazed, therefore easily cleaned, and can be kept absolutely sanitary at all times. 7 inches in diameter, heavy and cannot be tipped over. Price 40c; Postpaid 55c.



Egg Tester

To test the fertility of eggs during the period of incubation. Used with an ordinary lamp in a dark room.

It will illuminate the interior of the egg, and show if the chick is alive, and also shows the size of air cell in the egg.

Price 35c; postpaid 40c.

S. N. & S. Co's. Peerless Poultry Feed

Our poultry feeds show the highest percentage of protein because they contain only good clean materials mixed in the proper proportions to make balanced rations for your birds at any age. They will help your baby chicks grow rapidly, develop strong constitutions and round out into splendid pullets and cockerels. For full grown stock you must supply feed which will not only nourish their bodies but also enable them to lay eggs. Corn alone makes fat but very few eggs. Use S. N. & S. Co's. Peerless Feeds for best results.

PRATT'S BUTTER-MILK BABY CHICK FOOD

Should be fed the first three weeks. See page 115 for description and prices.

Little Chick Scratch Feed

"For Chicks Three Weeks Old or Over"

Like our other feeds this mixture embraces a fine combination of seeds, millet and grains. It gives the chicks quick growth and tends to keep them in good health. Little chick scratch feed contains the necessary materials to form bone and makes flesh and blood.

5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.35; 50 lbs., \$2.60; 100 lbs., \$5.90.

Peerless Growing Ration

"For Chicks Six Weeks Old or Over"

An excellent feed for chicks from the age of six weeks and over. It is graded slightly coarser in size than Little Chick Scratch Feed, and may be used to advantage up to the time that Peerless Chick Developer may be profitably fed.

5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.05; 50 lbs., \$1.95; 100 lbs., \$3.75

Peerless Chick Developer

Peerless Chick Developer supplies the variety of grains that growing birds need, since they always do better on a good mixture of grains than where just one or two are used. To properly develop the chick either for market or to become a producer of eggs they must be fed such food as will promote growth quickly and uniformly.

10 lbs., 45c; 25 lbs., 90c; 50 lbs., \$1.60; 100 lbs., \$3.00.

Hen Scratch Feed

An excellent grain mixture, is very satisfactory and economical and when fed in combination with Blatchford's Egg Mash will produce excellent results.

10 lbs., 35c; 25 lbs., 70c; 50 lbs., \$1.20; 100 lbs., \$2.25

Peerless Scratch Feed

Each item is included in the proper proportion to make up a well balanced ration. It is necessary that hens be made to exercise for at least a part of their food to keep them in good health and best laying trim. With this point in view our Scratch Feed is especially prepared, furnishing the largest variety of pure clean grains and seeds suitable for laying hens. It contains no shell or grit.

10 lbs., 40c; 25 lbs., 85c; 50 lbs., \$1.50; 100 lbs., \$2.85

NOTICE—If Wanted by Parcel Post Add Postage.

Rates for Parcel Post shipments—See Page 70.

Prices Subject to Change.

BIRD SEED

S. N. & S. Co's. **BIRD SEED MIXTURE**—Has become famous for its superior quality. We use nothing but the freshest high-grade seed free from mustiness and dust. These seeds are particularly relished by canary birds, etc. Put up in 1 pound lithographed cartons.

BIRD SEED MIXED—(S. N. & S. Co's)—1 lb. postpaid, 25c.

BIRD SEED MIXED—By express or freight, 1 lb., 20c; 10 lbs., \$1.50

CANARY—Best Sicily, 1 lb., 15c; postpaid 25c

HEMP—Best grade, 1 lb., 15c; postpaid 20c

BIRD RAPE—For birds, 1 lb., 20c; postpaid 25c

MILLET—Fancy, 1 lb., 10c; postpaid 15c

LETTUCE SEED—For birds, 1 lb., 15c; postpaid 20c

BIRD GRAVEL—1 lb., 10c; postpaid 15c

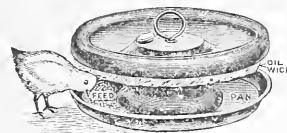
CUTTLE FISH BONE—Large piece, 5c; ¼ lb., 25c; 1 lb., 80c; P P

Automatic Chick Greaser

Every Chick His Own Doctor.

SAVES

TIME



SAVES

MONEY

It is the large lice which collect on the heads of young chickens which cause them to droop and die. Formerly, the only way to get rid of these lice was to catch each chick and rub grease on its head, but this slow and tedious process is not necessary since the invention of the **Automatic Chick-Greaser**.

The wick around the upper part of the Greaser is saturated with oil (a mixture of two-thirds lard and one-third kerosene or black oil) and every chick which eats out of the pan will get its head thoroughly greased in a very few minutes. This apparatus saves much time and trouble and adds considerable to the profits.

Price, \$1.00; postpaid, \$1.10.

The Little Putnam Stove

Keep the drinking water in the poultry house from freezing. Burns a month without filling or trimming.

The Little Putnam Stove is nine inches in diameter and four inches high; made of galvanized iron and equipped with a burner which embodies an entirely new principle in oil combustion. Combustion is complete and perfect, doubling the heat value of the oil. The oil tank holds three pints of oil and burns three to four weeks without refilling or any other attention.

The stove to be filled but a few times during the entire winter and never requires trimming. This will be appreciated by those who have used heaters that need trimming or filling almost every day, and by those who have used non-freezing fountains constructed on the principle of a fireless cooker, some of them making more work in cleaning than would be expended in carrying hot water three times a day.

The cost of running the stove the entire winter is but from 20 to 30 cents. The expense for oil to run other heaters runs from 75 cents to \$2.00 per season.

The Little Putnam Stove does not furnish hot water to the fowls, but water at that tonic temperature which is best relished by them, and which increases the amount of food digested and assimilated, thus promoting growth and increasing the egg supply.

It is absolutely essential that a constant supply of unfrozen water be accessible to the fowls at all times if they are to be kept at the top notch of health and productivity.

This stove is absolutely fire-proof and non-explosive. If it is tipped over it will go out. If it becomes buried in the litter it will go out.

This stove really costs the poultryman nothing because the increased production of eggs during the first month's use will pay for the stove.

Price, \$2.00; postpaid, 6 for \$11.00 postpaid \$11.50.

FREE BOOKS

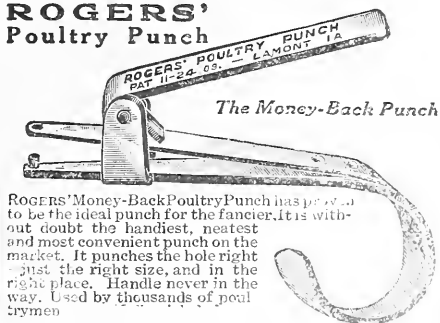
BABY CHICKS—How to feed and care for them.

PRACTICAL POINTERS—on the care of live stock and poultry.

CHASE THE FLIES.

Rogers Poultry Punch

ROGERS' Poultry Punch



The Money-Back Punch

Rogers' Money-Back Poultry Punch has proved to be the ideal punch for the fancier. It is without doubt the handiest, neatest and most convenient punch on the market. It punches the hole right just the right size, and in the right place. Handle never in the way. Used by thousands of poultrymen.

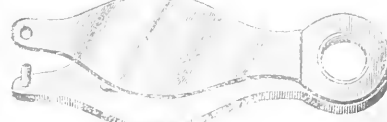
It is strongly made and is absolutely guaranteed to give satisfaction or your money refunded.

Price 40c postpaid.

S. N. & S. Co's. Poultry Punch

One of the most convenient punches made, it is small and easy to operate. Cutting a clean hole every time. Nickel plated.

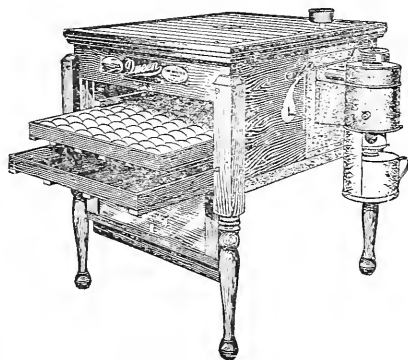
Price 25c postpaid.



QUEEN INCUBATORS

FAMOUS FOR BIG HATCHES OF STRONG HEALTHY CHICKS
HATCHES EVERY HATCHABLE EGG.

The Incubators and Brooders offered in the following pages have been selected for their proved efficiency as hatchers and chick-raisers. They are the products of the oldest and most successful manufacturers—the pioneers who blazed the way and by their untiring efforts have made artificial incubating and brooding the great success they are today.



No. 2, Capacity 135 egg.

THE QUEEN HOT WATER SYSTEM

The unprecedented success which has followed the Queen for years is primarily due to the invention of the Queen hot-water system. Without this wonderful system of hot-water heating, that perfect balance between the temperature, moisture and ventilation which is so necessary to successful incubation would be a physical impossibility. The ability to heat the egg chamber without cooking all the moisture out of the air is not only responsible for the abundant supply of natural moisture, but at the same time the soft radiated heat from the hot-water tank provides an absolutely uniform temperature, and permits a perfect ventilation of the egg chamber.

Without this system of hot-water heating it would be necessary to heat the egg chamber with currents of hot air, and it is now an established fact that the temperature and ventilation of an incubator cannot be successfully balanced where hot air currents are used.

Too much emphasis cannot be attached to the importance of keeping impure gasses and fumes out of the incubator. Instead of passing the hot-air fumes through the incubator, with a likelihood of leakage in the conductor at any time, we heat the hot water on the outside, send it circulating around the egg chamber, and keep all the fumes from the lamp on the outside. It takes but a very small portion of lamp fumes to kill the developing chicks, and circulating hot water through the egg chamber instead of hot air we entirely eliminate all possibility of damage to the eggs.

Queen Chicks Live and Grow

Queen incubators are famous the country over for big hatches of strong, healthy chicks that live and grow. The Queen is accurately regulated, keeping the temperature just right for the hatching chick. No hot and cold changes to weaken the chick's system. The Queen is properly insulated—two layers of wood and one of corrugated strawboard, with dead air space. This also helps to maintain an even temperature for the entire hatching period. Both Queen walls are built of genuine California Redwood.

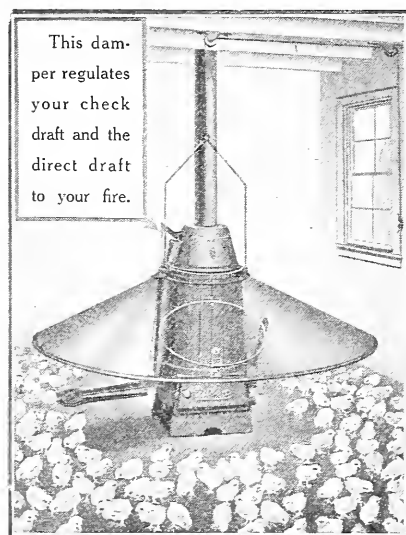
Prices and sizes of Queen Incubators—F. O. B. Helena.

Queen No. 1, 85 Egg.....	\$27.50	Style K 20, 70 Egg.....	\$16.50
Queen No. 2, 135 Egg.....	37.50	Style K 21, 130 Egg.....	27.50
Queen No. 3, 180 Egg.....	44.50	Style K 22, 220 Egg.....	36.75
Queen No. 4, 275 Egg.....	57.75		
Queen No. 5, 400 Egg.....	68.00		
Queen No. 25, 600 Egg.....	103.00		

NOTICE—The Style K line of Incubators is not the same high standard as our Queen line in material or workmanship, but they embody the principles that have made the Queen line so successful and famous.

Every man, woman and child in the country or town, that has a back yard should raise chickens.

QUEEN BROODERS



This damper regulates your check draft and the direct draft to your fire.

The Queen Colony Brooder is a new and improved design of brooder stove. It is made of highest quality iron castings that will wear and last indefinitely.

There are no drafts on the smoke pipe of the Queen. The check rests on top of the stove and opens outward when fire is too warm, thus giving a gentle inflow of air to retard the heat. While the opening of the draft to increase the fire is located at the top of the stove, it opens into the fire at the base through an opening extending down the side to the bottom. This feeds the draft into the fire from underneath with no opening below the hover.

As will be seen from the illustration, the check and draft lids are cast together and operated together. Thus, when the fire is too hot, the wafer expands and closes the check and opens the draft. This keeps an even heat all the time, both night and day, in cold weather or warm, and does it automatically. You don't have to pay any attention to it whatsoever. Just set the regulator for the proper temperature at the start of the season—it will do the rest.

The Queen Stove burns any kind of fuel with equally satisfactory results. We recommend chesnut sizes in all kinds of fuel and hard or soft coal, coke, charcoal, or briquettes burn equally well. Of course, hard coal will not cause the pipe to become dirty as quickly as the others, but it will give no better heat.

No. 1—600 Chick size, \$21.50
No. 2—1200 Chick size, \$26.50

PRICES AND SIZES OF BROODERS F. O. B. Helena.

Indoor Brooders

No. 7—125 Chick	\$19.50
No. 8—165 Chick	22.75
No. 9—250 Chick	25.50

Outdoor Brooders

No. 10—125 Chick	\$31.50
No. 11—165 Chick	34.50
No. 12—250 Chick	37.75

Electric attachment for Queen Brooders up to and including 1000 egg \$15.00.

Books You Need

American Standard of Perfection	\$2.50
Artificial Incubating and Brooding	\$1.00
Rabbit culture and Standard, by Roth and Corman, Cloth	\$1.00

See Page 131

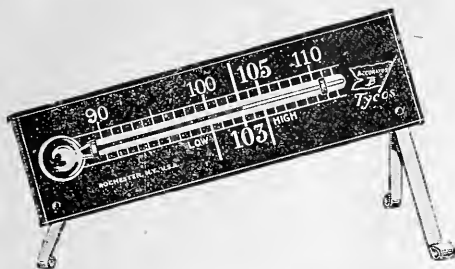
For other Books

Queen Incubators are of Superior Quality and Priced Lower than other High-Class Machines on the Market.

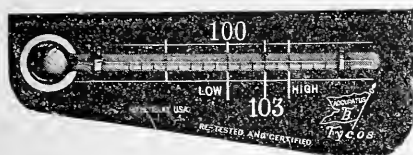
Write for Special Illustrated Incubator and Brooder Catalog—Free

Incubator and Brooder Thermometers

Many persons using Incubators and Brooders fail to understand the importance of having a thoroughly tested and reliable thermometer. Many a fine hatch is lost and many a fine brood of chicks killed by using a poor thermometer. Use great care in purchasing a perfect thermometer. Our thermometers are thoroughly tested and accurate, and are guaranteed by the manufacturers.



No. 5770



No. 5782



No. 5794

No. 5782 Incubator Thermometer—Hang-up Retested and Certified	P. paid	
No. 5770 Incubator Thermometer with legs	\$1.10	\$1.15
No. 5794 Brooder Thermometer Flat, metal Fits any Brooder	.95	1.00
	.60	65

Tycos Incubator Hygrometer



The Tycos Incubator Hygrometer determines the relative humidity in the egg-chamber of any and all incubators. A practical and satisfactory device for this purpose. Direct readings are obtained instantly without the use of tables or calculations.

Price, \$2.00 postpaid \$2.10.

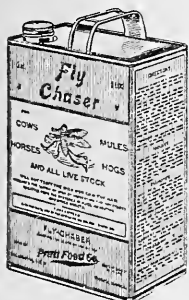
Extra silk wicks for Hygrometers 20c each.



PRATT'S POULTRY DISINFECTANT

This disinfectant is a real wonder worker, a quick, effective germicide, insecticide and deodorant. It is unsurpassed for effectiveness in stables, barns, poultry houses and yards and for use on dogs, cats and pets generally. Its pleasing clean odor makes it admirable for household use. Considered the best disinfectant on the market today.

Price, quart, 70c; ½ gal., \$1.25; gal., \$2.00.



FLY CHASER

(New Improved)

Why let your animals suffer needless torment from flies all summer long? Your cows waste time when standing in the pond or rushing through the underbrush trying to escape the constant torture of flies, mosquitos and other winged pests. Your horses will do more work when relieved from fighting flies and save your time and trouble. Fly chaser does not injure hair or animal when used as directed. Fly Chaser should be used in every stable and every barn. Price—½ gal., \$1.10; 1 gal., \$1.85

Liquids Cannot Be Sent Parcel Post.

IMPROVED CHAMPION LEG BANDS

THE WORLD'S BEST



The oldest and most popular band on the market. This band is made in one piece and is adjustable to fit any fowl. They will stay where you put them. Held by double lock, it is impossible for them to lose off, made of aluminum. Price numbered only.

1-12	Postpaid
1-25	15c
1-50	30c
1-100	45c
1-100	80c
Not made in pigeon sizes.	

Special numbers to suit, 25c per 100 extra.

VICTOR LEG BAND

Made of aluminum, adjustable, with large black numbers on blue background. A band that is easily attached, and when once on will stay on until removed.

Price, 1-12, 60c; 1-25, \$1.20; 1-50, \$2.20; 1-100, \$4.00, postpaid.



Spiral Colored Celluloid Leg Bands

Know Your Hens on Sight



For large and small birds, chicks and pigeons. Mark each bird for its pen. Give each pen a different color. Mark old birds and pullets differently.

Spiral Leg Bands have extra-long lap, making them strong and securing them from coming off. In six colors—red, green, black, white, yellow, dark blue.

SIZES

No. 5. Pigeons.		(American)
No. 6. Baby Chicks.	No. 11	Ply. Rocks, Orpingtons.
No. 7. Bantams.		R. I. Red, Wyandottes.
No. 8. { Leghorns. Anconas.		Minorcas, Houdans.
{ Campines. Buttercup.		Runner Ducks, W. Rock.
{ Polish.	No. 12	(Asiatic)
		Brahmas, Cochins.
		Cornish, Langshan.
		Pekin Ducks.
	No. 14.	Turkeys, Geese.
Nos. 7, 8, 11, 12, 14, Postpaid.	Nos. 5 and 6	Postpaid
12 Bands .....\$ .15	12 Bands .....\$ .15	
25 Bands ..... .30	25 Bands ..... .25	
50 Bands ..... .50	50 Bands ..... .40	
100 Bands ..... .85	100 Bands ..... .75	
500 Bands 3.60	500 Bands 3.00	

Be sure to specify your breed and color wanted.



Disinfects and Paints at the Same Time—Saving Labor and Money

A white paint and disinfectant in dry powder form. Use instead of whitewash. Put on with a brush or sprayer. A snow white cold water paint that will not blister, flake or peel off, combined with a germicide 20 times stronger than carbolic acid but neither caustic nor poisonous. Particularly good for use in stables, cow barns, chicken coops, dairies, hog pens, creameries, cellars, factories and outbuildings. Carbola can be applied to wood, brick, stone, cement, plaster, board, tar paper, &c. or over whitewash or old oil point that is hard and firm, but not glossy. The mineral pigment used has a greater fire resistance than asbestos it is apparent that several coatings of Carbola will act as an efficient fire retardant.

A gallon (a pound of powder) covers 200 square feet.

For use out of doors add a pound of cheap glue dissolved in hot water for every 10 pounds of Carbola.

Carbola is used and endorsed by thousands of poultrymen, dairymen and breeders, and by many agricultural colleges and experiment stations. Give Carbola a trial—you never will regret it.

Trial Pkg	Postpaid	20 lbs. (20 gals)	Postpaid
10 lbs. (10 gals)	\$.35	1.50	\$3.00
10 lbs. (10 gals)	\$.45	1.75	\$3.45
200 lb. sacks "By express or freight"	6.25	50 lbs. (50 gals)	7.20
			\$22.00

IMPROVED TOP FILL FOUNTAINS



Made of heavy galvanized iron, with double walls, which keeps the water cool in summer, and retards freezing in winter. Feeds automatically, no valves to get out of order. Fills from the top, thus avoiding the annoyance of spilling over while being filled. Thoroughly sanitary and as easily cleaned as an ordinary pail.

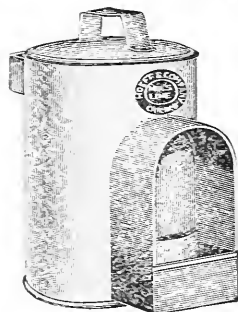
Can be hung up out of the litter, and the square pan gives drinking facilities for two pens at the same time.

Fill the fountain in the morning and the chickens have an all day's supply of pure water at just the right temperature.

The best and most popular fountain on the market.

1 Gal Size \$1.55	Postpaid \$1.95
2 Gal Size \$2.65	Postpaid \$2.80
4 Gal Size \$3.50	Postpaid \$3.75

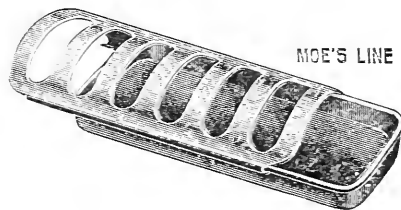
IMPROVED WALL FOUNTAINS



Made of heavy galvanized iron, in three sizes. The covered outlet keeps out dust and dirt, and the outlet is further protected by a removable plate which prevents any floating rubbish from being drawn into the reservoir.

2 qt. size \$3.60	Postpaid \$3.70
1 gal size \$3.35	Postpaid \$3.90
2 gal size \$1.15	Postpaid \$1.30

FEEDING TROUGHS



MOE'S LINE

Suitable for dry feed, wet mash, or water. For grown fowls. The tops slide off, so the pan can be easily cleaned, and filled. Made of best quality galvanized iron. The edges of the slotted openings are all turned over and smoothly finished. No sharp or rough edges to injure the birds.

The feed saved by using troughs will more than pay their cost in a short time. Made in two sizes.

18 inch \$3.70	Postpaid \$3.80
24 inch \$1.00	Postpaid \$1.10

SINGLE FEEDING TROUGHS



18 inch \$3.45	Postpaid \$3.55
24 inch \$3.65	Postpaid \$3.80

DOUBLE FEEDING TROUGHS



Made of best quality galvanized iron. No sharp or rough edges to injure the birds. Sliding top. Easily cleaned.

18 inch \$3.65	Postpaid \$3.75
24 inch \$3.75	Postpaid \$3.90

DRY MASH HOPPER

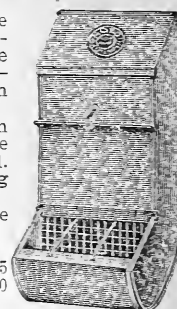
A Dry Mash Hopper of great merit, made of heavy galvanized iron. The curved bottom keeps the feed within easy reach of the birds, and the taper shape of the hopper—larger at the bottom—prevents the feed from clogging.

The wire grid and the wires running from the flange through the wire grid prevent the fowls from throwing out or wasting the feed.

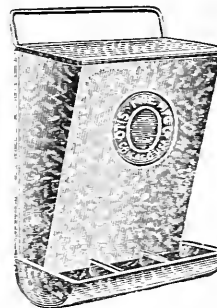
The sloping top prevents them from roosting on the hopper.

When both covers are closed it is rat, mouse and weather proof.

Made in two sizes.	
12 inches wide \$2.20	Postpaid \$2.35
24 inches wide \$3.10	Postpaid \$3.30



GRIT AND SHELL BOX



The feeding of grit, ground shells, and charcoal is now recognized as an essential part of the diet, to keep fowls in healthy, prime condition. There is no more economical method of supplying grit, etc., than with these practical, inexpensive compartment boxes. No solder used in their construction.

Can also be used as feed hoppers for little chicks.

This self-feeding box can be set on the floor or hung on the walls as desired. The birds can help themselves at all times and the supply is kept clean.

Made of heavy galvanized iron in two sizes.

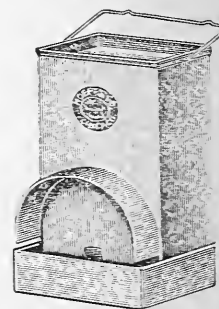
3 compartment \$1.10	Postpaid \$1.20
4 compartment \$1.45	Postpaid \$1.60

DROP BOTTOM WALL FOUNTAINS

A practical, durable fountain. Easy to fill and easy to clean. Made of best quality galvanized iron. May be hung on the wall out of the litter and dirt.

Suitable for chicks, fowls or pigeons. Fitted with wire handles, so that two or more fountains, back to back, can be carried in one hand.

Made in three sizes.	
2 qt. size \$3.95	Postpaid \$1.05
1 gal. size \$1.25	Postpaid \$1.35
2 gal size \$1.45	Postpaid \$1.55



DRINKING FOUNTAINS



This fountain fills the breeders requirements for a good inexpensive article. Made in two pieces accurately stamped and formed. Easily filled and cleaned. The round taper shape prevents bursting from freezing. Made of best quality galvanized iron in three popular sizes.

1 qt. \$3.40	Postpaid \$3.45
1/2 gal \$3.50	Postpaid \$3.60
1 gal. \$3.75	Postpaid \$3.85

PLANT FOODS AND FERTILIZERS



EXCELSIOR PLANT FOOD—The original odorless house plant food. Producing vigorous healthy growth. Endorsed by the leading horticulturists, private and market gardeners, and park superintendents. 5 oz., pkg., 25c; postpaid, 30c; 12 oz., pkg., 40c; postpaid, 50c.

RED SNAPPER PLANT FOOD—This comes highly recommended for many users for all classes of plant growth. 2 lb. pkg., 50c; postpaid, 65c.



STIM-U-PLANT

PLANT STIMULANT TABLET

Trade Mark Registered U. S. Patent Office

The most modern, efficient and scientific method of fertilizing growing plants.

As every kind of plant grows in the garden, orchard, and farm, feed it along with Stim-U-plant tablets. These tablets contain highly concentrated, immediately available forms of plant food for use in stimulating fruit, flower, vegetable, and ornamental plants, and may be used in liquid or tablet form.

They increase production, hasten maturity, improve quality and better the color of the plants and products. Their use is highly profitable, for all these benefits cost only a fraction of a cent for each application.

Once in the soil they immediately dissolve and mingle with the soil-water, pass into the root hairs and roots to begin feeding the plants. No matter how fertile the soil may be, Stim-U-plant is effective in feeding the crops because of its rich, available food content. Full directions on every package.

Small size, 30 tablets\$.25; Postpaid \$.25
Medium size, 100 tablets75; Postpaid .80
Large size, 1,000 tablets 3.50; Postpaid 3.60

NITRATE OF SODA

Stimulates the Production of Plants.

A fertilizer for all crops, quick in action and hastens the maturity of crops fully two weeks. Being quickly soluble, it should not be applied until the plants are above the ground, when 200 to 300 lbs. per acre is sufficient. Usually in combination with other chemical fertilizers. Nitrate of Soda is the best form in which nitrogen can be restored to the soil. It is of special value for crops such as Peas, Corn, Beets, Cabbage, etc. and of great benefit to hay and forage crops. Do not allow solution to touch foliage.

Nitrate of Soda is a great stimulant for the production of Sugar Beets, Potatoes, and Sorghum, also small Fruits. Nitrate of Soda does not exhaust the soil. Dissolve 1 oz. to 3 gal. or 1 lb. to 50 gallon. 2 lbs. 25c; postpaid 35c; 5 lbs. 60c; postpaid, 75c; 10 lbs. \$1.10; postpaid, \$1.35.

"PEERLESS BRAND"

SHEEP MANURE--Pulverized

The Best Fertilizer for the Lawn and Garden.

As a spring or fall top-dressing for lawns, it is the best that can be procured. No offensive odor, and no unsightly chunks to rake off. The first shower or watering carries the soluble particles down to the roots, and rapidly produces a most luxuriant growth. SHEEP MANURE is the very best for securing rapid growth and adds humus to light soils.

Can also be used as liquid manure, in water. For general use apply 50 lbs. to every 100 square feet, 600 to 800 lbs. per acre for lawns. For general field and garden use—1 Ton per acre.

500 lb. lots, per 100 lbs.\$2.00 25 lb. sack\$3.90
100 lb. sack\$2.25 10 lb. bag\$3.50
50 lb. sack\$1.65 5 lb. bag\$3.30

Price F. O. B. Helena, by express or freight.

NOTICE—If wanted by mail add postage.

For larger quantities write for special prices.

BONE MEAL

A well known fertilizer, for all purposes, safe and effective. 1 lb. 10c; postpaid, 15c; 3 lbs. 25c; postpaid, 35c; 10 lbs. 65c; postpaid, 85c; by express or freight, 50 lbs. \$2.60; 100 lbs. \$5.00.

The Standard Inoculation

FARMOGERM

High-Bred Nitrogen Gathering Bacteria.

WHAT FARMOGERM IS:

Farmogerm is a pure culture or growth of nitrogen-fixing bacteria that have been selected and bred up to transform large amounts of nitrogen from the air into soluble nitrates. These bacteria are grown in a jelly, or food, in which they remain active for long periods of time, and sent out in a bottle which admits the necessary supply of pure air, yet keeps out destructive contaminants.

FARMOGERM IS THE BEST YOU CAN BUY.

Legume bacteria will not live without air. In a sealed culture they can only live until the air in the bottle is exhausted. With Farmogerm, a continuous supply of air reaches the bacteria and the numbers increase with age. A farmer purchasing Farmogerm, therefore knows that he is getting a culture which will produce results, whereas when he purchases a sealed culture, unless he gets one that is absolutely fresh, he can look for no results. Farmogerm is always fresh. Note the bottle with patent ventilating stopper.

WHAT FARMOGERM WILL DO:

Unless the soil is very acid or wet, Farmogerm will:—

Increase the yield and quality of legume crops, giving quicker growth and earlier maturity. 2. Increase the food value of legumes. 3. Make legumes grow in new localities where they cannot otherwise be grown successfully. 4. Supply nitrates to other crops growing with the inoculated legume crops. 5. Enrich the soil for future crops, thereby increasing the permanent value of the farm. Better crops—better soil—less fertilizer.

Increased Crops are a well established certainty in all instances where inoculation are used together with proper culture methods.



Not only is the crop increased in weight, but in its richness. The United States Department of Agriculture Bulletin No. 71, substantiates these statements, why not increase your farm yields without extra labor and at practically no extra cost.

Fertilizer Values of well-inoculated legumes have long been determined. It is shown in Bulletin No. 71, issued by the United States Department of Agriculture, that tests covering a large part of the country prove that legumes will deposit 1,000 lbs. of nitrates per acre. This means that your most expensive commercial fertilizer is absolutely unnecessary when you plant legumes, perfectly inoculated, sown and planted in properly prepared land.

Peas, Beans, Sweet Peas.

Yield earlier, longer and better when treated with Farmogerm. Farmogerm is endorsed by Farmers, Federal and State Agricultural Departments and private estates. It is delivered to you in bottles, ready for use. You can inoculate the seed for ten acres in ten minutes.

Always inoculate all your legume seeds if you want the biggest yield and the maximum fertilizing value. No matter how big a crop you are getting, Farmogerm will improve it and increase the amount of nitrogen stored up for future use in the form of nodules on the roots.

We carry the following Farmogerm in stock for peas, beans, and sweet peas, alfalfa, sweet clover, clovers, red, white, crimson, alsike, mammoth Canada peas, vetch, etc.,

Mention the kind of Farmogerm wanted.

All legume crops should be inoculated. Few soils contain sufficient bacteria to provide self-inoculation. Artificial inoculation with pure cultures has long since been determined by the experiment stations to be the only safe and sure way.

Cost of Farmogerm.

12 acre size	\$9.00
3 acre size	2.50
1 acre size	1.00
1/4 acre size	.50

RATES FOR PARCEL POST SHIPMENT—SEE PAGE 70.

INSECTICIDES AND FUNGICIDES

FOR INSECT PESTS AND FUNGUS GROWTHS

INCLUDE INSECTICIDES WITH YOUR SEED ORDER. YOU ARE SURE TO NEED THEM LATER.

PARIS GREEN—Most effective Potato Bug Killer known; sure death to all insects which eat foliage. Put up in sealed packages. Use 1 oz., to 3 gallons of water or 1 lb. to 50 gallons for Potato Bugs, or 1 oz., to 6 gallons of water, or 1 lb. to 100 gallons for spraying trees. ½ lb., 35c; 1 lb., 65c; 2 lbs., \$1.15; 5 lbs., \$2.60; 14 lb. kits \$6.50; 50 lb. lots, at 40c per lb.

ARSENATE OF LEAD—(Dry Powder)—This material contains from 31 to 33 per cent arsenic—the killing agent. Being light and fluffy it stays in suspension and covers the foliage evenly. Its adhesiveness is unsurpassed. Growers appreciate its convenience, safety and economy, ½ lb., 30c; 1 lb., 55c; 5 lbs., \$2.60; 10 lbs., \$5.00.

"BLACK LEAF 40"

Nicotine Sulphate—40% Nicotine

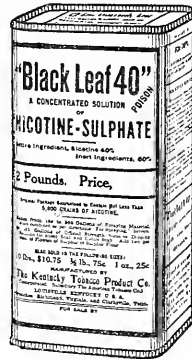
This is the insecticide that is so highly recommended by Experiment Stations. It destroys Aphis (plant lice), Thrips, Leaf-hoppers on all tree, bush and vine fruits, vegetables, field crops, flowers and shrubs; also Apple Red Bug, Pear Psylla and similar soft-bodied sucking insects—all without injury to foliage.

May be combined with other sprays. Highly concentrated. Soluble in water—easy to mix—does not clog nozzles.

You can not go wrong by ordering "Black Leaf 40" for sucking insects.

PRICES:

1 oz.—\$.25—makes 6	gallons spray
½ lb.—\$ 1.25—	40 to 120 "
2 lb.—\$ 3.75—	160 to 500 "
10 lb.—\$15.50—	800 to 2500 "



SHEEP AND CATTLEMEN—NOTICE—Write us for special pamphlet on Black Leaf 40. Helpful suggestions for curing Scabies, Killing Lice and Sheep Ticks.



TREE TANGLEFOOT—The best remedy against Caterpillars and all tree crawling insects. Will remain sticky for three months. 1 lb., 50c; postpaid, 60c; 3 lbs., \$1.40; postpaid \$1.50

SLUG SHOT—(Hammond's)—A light non-poisonous composite, fine powder for killing Potato Bugs, Currant and Cabbage Worms, Green and Black Fly, Beetles and Caterpillars. Not injurious to persons or animals. Easily distributed by Duster, Bellows or in water by spraying. Full directions on each package. 1 lb., perforated box, 30c; postpaid, 35c; 5 lbs., 85c; postpaid 95c; 10 lbs., \$1.50; postpaid, \$1.70



DUSTER OR CANISTER

These are thoroughly well made with very fine openings, allowing economical and even distribution. Can be used for dusting any dry powder on vegetable plants, also for dusting lice powder on poultry. A labor saver. Gallon size, price, 85c; postpaid 95c.

Liquids and Poisons Cannot Be Sent by Parcel Post. By Express or Freight Only.



CARCO — VEGETABLE SPRAY AND ANT EXTERMINATOR—

A wonderfully effective spray for destroying grubs, maggots and worms in the soil, which infect TURNIPS, RADISHES, BEETS, CAULIFLOWERS, CABBAGE, ONIONS, etc., and highly recommended for use in combating CROWN BORERS in strawberries. The rootmaggot, as well as the strawberry crown borer, is hatched from an egg deposited on the plants by the maggot fly. This fly dislikes the odor of the spray, and will not deposit the eggs where the odor is present. Carco is highly recommended by market gardeners and large growers of vegetables. Is sure death to ants. pint, 40c; quart, 65c; half gallon, \$1.10; gallon \$1.75.

MAG-O-TITE—A real maggot remedy, repels the fly which lay the eggs from which the maggots are hatched, also destroys maggots which are already in the soil. While intended as a remedy for root maggots it has proven very effective in combating cabbage worms, asparagus miner, flea beetles and all kinds of slugs. It is also invaluable for the eradication of earth worms. Full directions and instructions on every package. MAG-O-TITE is a wonder worker. Price 2 lb. pkg., 35c; postpaid, 45c; 4 lb., pkg., 60c; postpaid, 75c; 8 lb., pkg., \$1.00; postpaid, \$1.25; 25 lb. sack \$2.50, postpaid, \$3.00.

HAMMOND'S WEED KILLER—Killing weeds thoroughly by application of this liquid has become general. It is a great labor saver. Use only on paths, drives, gutters and places where no growth is wanted. Apply after rain, while ground is moist, and will absorb the liquid to the roots of grass and weeds. One gallon will make 20 gallons, sufficient to cover 100 square yards of surface. Price, 1 quart.....60c

LIME SULPHUR—Dry Powder—A valuable and effective spray or wash for scale, bark lice, and other insects, and fungus diseases that winter on the barks. Spray early in spring before the foliage opens. 1 lb., 40c; 5 lbs., \$1.75

TOBACCO DUST—For dusting plants affected with Aphis; also used on squash vines and melons; and now largely used for fumigating. ½ lb., 15c; postpaid, 20c; 1 lb. 25c; postpaid, 30c; 5 lbs., 75c; postpaid, 90c; 10 lbs., \$1.25, postpaid, \$1.40.

FISH OIL SOAP—For Aphis and all insects which suck. This soap dissolved 3 oz. in 1 gallon of warm water is very effective. per bar 20c; postpaid.....25c

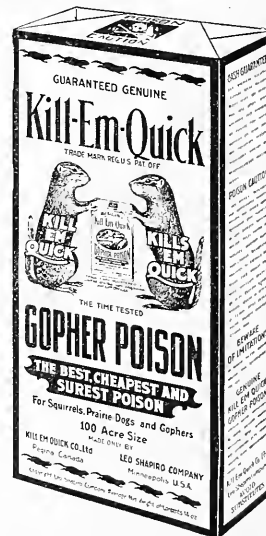
BORDEAUX MIXTURE—Used principally for Mildew, Blight and Fungus Diseases of all kinds. ½ lb., 30c; postpaid 35c; 1 lb., 45c; postpaid 50c; 5 lbs., \$1.75; postpaid, \$1.90; 10 lbs., \$3.25; postpaid, \$3.50

DUSTING SULPHUR—Prevents Mildew, and is a summer dust spray for insects and fungus diseases. ½ lb., 15c; postpaid 20c; 1 lb. 25c; postpaid, 30c; 5 lbs., 75c; postpaid 90c; 10 lbs., \$1.25; postpaid, \$1.45.

GOPHER POISON

Kill-Em-Quick

Kills Gophers, Squirrels, Prairie Dogs and Field Mice. Endorsed by the U. S. and Canadian Governments, County Agents, Farmers' Clubs, etc. Is found to be more economical and effective than anything else on the market. Best, cheapest and safest. Full directions on every package. Satisfaction guaranteed or money refunded. Package sufficient for 40 acres.....55c



CUT WORM FOOD

Kills Them Quick.

The most effective cut worm killer yet introduced. Just place a little around each plant the day it is set out, or each hill as the seedlings break through. The food is so alluring to Cut Worms that they are attracted to it in place of any vegetation. One lb. sufficient for 100 plants in hills or for 150 feet of drill. Save your plants. 1 lb., 35c; postpaid, 40c; 5 lbs., \$1.50; postpaid, \$1.65.

Liquids and Poisons Cannot be Sent by Parcel Post.

POISONED OATS

KILL-EM-QUICK.

For squirrels and Gophers, etc. Ready for instant use. 1 quart, 50c; postpaid.....60c

GARDEN HOSE

Last season, exhaustive tests have proven that $\frac{5}{8}$ inch hose is more practical than $\frac{3}{4}$ inch hose for ordinary conditions. The fact that the standard service pipes are but $\frac{1}{2}$ inches, and that the ordinary faucet to which the hose is attached, has but an $\frac{1}{2}$ inch outlet or valve opening should convince anyone that it is good policy to use a $\frac{5}{8}$ inch hose. Also, $\frac{5}{8}$ inch hose is lighter, and consequently suffers less from abrasive wear in use on concrete and gravel walks than the heavier, $\frac{3}{4}$ inch hose, and while costing less, will last longer and deliver, under ordinary conditions as much water. Another point in its favor is the fact that $\frac{5}{8}$ inch hose of the same quality will withstand a greater pressure than $\frac{3}{4}$ inch, and will not kink as readily.

ELECTRIC HOSE



Electric Hose is acknowledged today to be the best Hose that can be procured at any price. It is made from the highest grade materials obtainable, is practically unkinkable, and will give longer life and better satisfaction with proper care than any other make. Look for the sharp corrugations, the foot measurements in numerals at every foot length, and the brand shown in the above cut.

All Electric Hose "Double Fabric"—Corrugated. "Electric" Hose Wears Like a Pig's Nose.

ELECTRIC HOSE — $\frac{1}{2}$ inch—25 ft. lengths.....	\$5.25
ELECTRIC HOSE — $\frac{1}{2}$ inch—50 ft. lengths.....	\$10.00
ELECTRIC HOSE — $\frac{1}{2}$ inch—in any special length desired by the foot	18c
COUPLINGS —Per set—For special lengths.....	25c
ELECTRIC HOSE — $\frac{5}{8}$ inch—25 ft. lengths.....	\$5.50
ELECTRIC HOSE — $\frac{5}{8}$ inch—50 ft. lengths.....	\$10.50
ELECTRIC HOSE — $\frac{5}{8}$ inch—in any special length desired by the foot	19c
COUPLINGS —Per set—For special lengths.....	25c
ELECTRIC HOSE — $\frac{3}{4}$ inch—in any special length desired—by the foot	20c

BLACK FIN HOSE

"DOUBLE FABRIC"

BLACK FIN HOSE—Second only to "Electric". All Black Fin Hose Double fabric corrugated.

BLACK FIN HOSE — $\frac{1}{2}$ inch—25 ft length.....	\$4.50
BLACK FIN HOSE — $\frac{1}{2}$ inch, 50 ft. lengths.....	\$8.00
BLACK FIN HOSE — $\frac{1}{2}$ inch—in any special length desired by the foot	16c
COUPLINGS —Per set—For special lengths.....	25c
BLACK FIN HOSE — $\frac{5}{8}$ inch—25 ft. lengths.....	\$5.00
BLACK FIN HOSE — $\frac{5}{8}$ inch—50 ft. lengths.....	\$9.50
BLACK FIN HOSE — $\frac{5}{8}$ inch—in any special length desired by the foot	17c
COUPLINGS —Per set—For special lengths.....	25c

QUINTUPLE

"SMOOTH FINISH"

QUINTUPLE—5 PLY RUBBER HOSE—A good all round serviceable hose, hand made in 50 foot lengths.

$\frac{1}{4}$ inch 50—foot lengths.....	\$6.00
$\frac{3}{4}$ inch 50—foot lengths.....	\$6.75

COUPLINGS—Per set—For special lengths.....25c

HOTBED OR MUSHROOM BED THERMOMETER

Brass tipped point encloses the temperature bulb. It is simply thrust into the soil or bed. Price, \$3.10, postpaid.

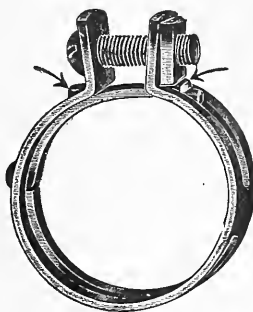
Notice—For Incubator and Brooder Thermometers—See Page 117
RATES FOR PARCEL POST SHIPMENTS—SEE PAGE 70

HOSE MENDERS



COOPER HOSE MENDERS—(Brass)—For joining a broken hose cut through and insert the mender. No clamps required. $\frac{1}{2}$ ", $\frac{5}{8}$ " or $\frac{3}{4}$ inch. State size wanted. Each.....10c

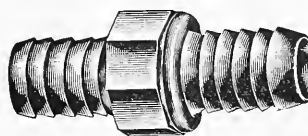
PERFECT CLINCHER HOSE MENDER—No wiring, no screws, no tools needed except a hammer; no obstruction in the hose; a boy can use them and make a perfect mend; a one-piece article which does the work of the mender and tube and two clamps ordinarily used. $\frac{1}{2}$ ", $\frac{5}{8}$ " or $\frac{3}{4}$ inch. State size wanted. Price each, 10c; postage 10c per dozen extra.



HOSE BANDS OR HOSE CLAMPS—For fastening the hose to a coupling with nut and screw. $\frac{1}{2}$ ", $\frac{5}{8}$ " or $\frac{3}{4}$ " each.....5c
State size wanted.
Postage 10c per doz, extra.

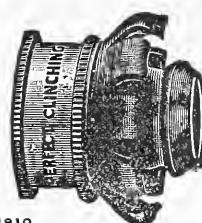
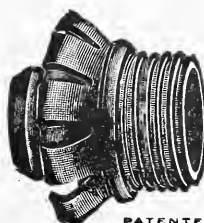
HOSE WASHERS—Per dozen.....10c

HOSE COUPLINGS



HOSE COUPLINGS—(Brass)—In $\frac{1}{2}$ ", $\frac{5}{8}$ " or $\frac{3}{4}$ inch. State size wanted. Each 20c; postpaid25c

"PERFECT CLINCHING" HOSE COUPLINGS—Slip it in the hose and hammer down—that's all. A self-fastening coupling that does not require extra bands, bolts, or wires. It adjusts itself



PATENTED 1910

to any thickness of hose. A fixed hold—it will not pull off. It cannot turn within the hose, a great gain over other couplings. A smooth joint with no projecting parts. A perfect joint that cannot leak. The harder the pressure, the tighter it gets. The tough brass in the clamping fingers permits taking off and using again. Strong and durable at every joint. $\frac{1}{2}$ ", $\frac{5}{8}$ " or $\frac{3}{4}$ inch. State size wanted. Price, 25c; postpaid30c

PRUNING COMPOUND

PRUNING COMPOUND—You will find this much more effective in stopping "bleeding" of the sap after pruning trees, shrubbery, etc., than tar and other mixtures sometimes used. It effectually seals the surface and will not wash off with the weather. Pruning Compound is also an excellent preventive for worm boring. 1 quart can, 65c; postpaid, 80c.

GRAFTING WAX

MAGIC GRAFTING WAX—Superior quality grafting. $\frac{1}{4}$ lb., 20c; postpaid, 25c; $\frac{1}{2}$ lb., 35c; postpaid, 40c; 1 lb., 50c; postpaid60c

OUT OF SIGHT MOLE TRAP

Claimed to be the best mole trap ever offered, and only has to be tried to be appreciated. Price, \$1.00, postpaid.

GARDEN REELS

GARDEN REELS—For using with a garden line; very handy tool. Each, 75c; postpaid90c

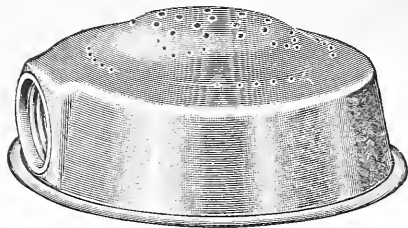
GARDEN LINES

GARDEN LINE—Strong 4 ply No. 21 jute line, 100 ft. lengths. 50c; postpaid55c

RAFFIA

RAFFIA—Useful material for tying plants; also used for basket making. Per lb., 30c; postpaid40c

LAWN SPRINKLERS



THE SQUARE FOUNTAIN SPRINKLER—

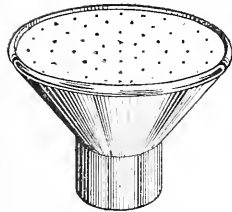
The lower holes throw a wide spreading square. From the crown is omitted a volume of smoky mist that is unsurpassed for beauty. It gives an even distribution seldom equaled. It will sprinkle the side of your house, along the walk and reach the edges without throw-

ing water over the passerby. It is not necessary to sprinkle half the grass twice to get over it, thus covering the ground with the least water. Price 60c; postpaid 70c



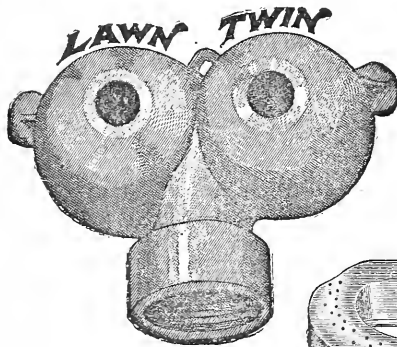
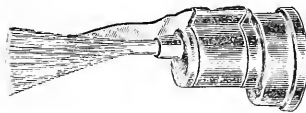
ALLEN SPRAY NOZZLE

ALLEN SPRAY NOZZLE—The brass nozzle for hand use; will throw a straight stream also fine or coarse spray, and the shut off is positive, without the possibility of leakage, recommended by all. Price 80c; postpaid 85c



"ROSE" OR "BOSTON" SPRINKLER—A good serviceable, low priced sprinkler, throwing the well known rose spray. Works well on either high or low pressure. Each 85c; postpaid 95c

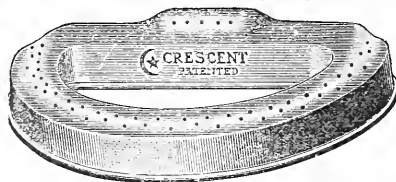
CHAMPION NOZZLE—Two in one combination nozzle and sprinkler, the water volume is as great with spray as with solid stream. To use as sprinkler snap the spike into groove and stick into the ground. Spray is graduated by the revolving sprayer plate. Price 50c; postpaid 60c



"TWIN" SPRINKLER—See cut. Made of zinc metal and cannot rust. Will cover the lawn evenly for 16 feet radius. Very popular. Each, 35c; postpaid 40c

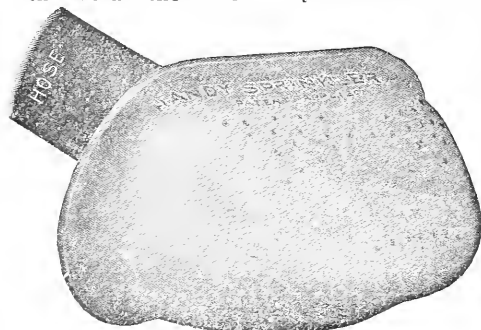
BORDEAUX SPRAY NOZZLE—Each 1.50

CRESCENT SPRAYER—Each \$1.00; postpaid \$1.10



EUREKA SPRAYING NOZZLE—Each, 75c; postpaid 80c

"HANDY" FOUNTAIN SPRINKLER—Not very big; costs very little; but it sprinkles as much ground as the big ones. It throws all the water away from the hose end, giving a beautiful fountain spray. No tipping over, just walk up to it and adjust it after the water is turned on. when held in the hand is splendid for sprinkling flowers. The weight of the metal and shape make it proof against hard knocks. Made of heavy No. 22 gauge brass, 4 1/2 inches long by 2 1/4 inches high. Each 40c; postpaid 45c.

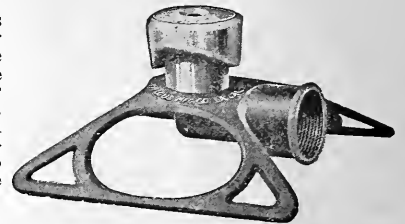


Wilgus No. 1.

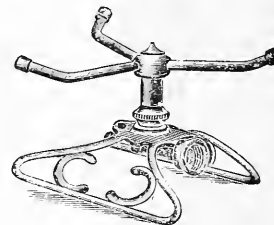
"WILGUS" NO. 1—The original Wilgus sprinkler; one of the leaders of the type, and one of the best. Works well on all pressures. Each, 45c; postpaid, 50c

"WILGUS" NO. 2—The improved Wilgus, with two openings to the water chamber, and throwing a center stream, giving fountain effect at same time as spray. Each 50c; postpaid 55c

"WILGUS" NO. 21—This sprinkler is designed for those who desire a fine rain-like spray, and is one that will not turn over when under pressure. All Lawn Sprinklers and Hose Nozzles are standardized, and will fit, no matter what size the hose is. Each \$1.25; postpaid \$1.35

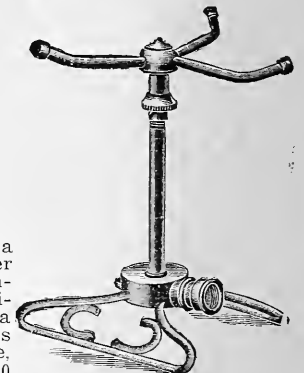


Wilgus No. 21.



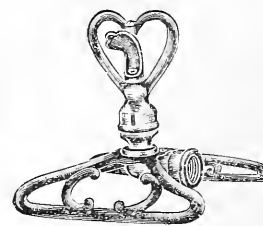
Zenith.

ZENITH SPRINKLER—Represents a new principle in revolving sprinkler heads, friction being almost eliminated, and reducing leakage to a minimum. The Zenith is mounted on a sled as shown in cut. Height 5 inches. A very useful sprinkler. Price, each, \$1.55; postpaid \$1.70



Anaconda

THE ANACONDA—Same as the Zenith—except the height, which is 11 inches. Each, \$1.85; postpaid \$2.00



Busy.

THE BUSY—One of the best distributors of water on the market. Covers a circle of about 30 feet in diameter, very uniformly. The busy is a very popular sprayer. Each, \$1.10; postpaid \$1.25

RING SPRINKLER—

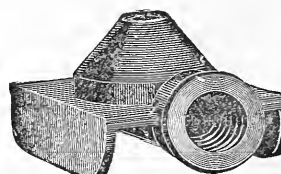
Made entirely of heavy sheet brass and measures about 8 inches in diameter. The Ring throws a fine mist, covers a large circle and can



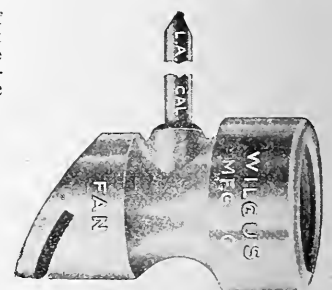
Ring.

be conveniently moved about without shutting off the water. Guaranteed to stand water pressure of any Municipality. Price, each, \$1.00; postpaid \$1.10

FAN SPRINKLER No. 3—Made of zinc metal and shaped so that it will water a bed on one side only. A most convenient sprayer. Each, 25c; postpaid 30c



VOLCANO SPRAYER NO. 55—Will throw a spray about 20 feet in diameter. Each 35c; postpaid 40c



Fan.

SPRAYERS

THE PERFECTION SPRAYER

The World's Standard

The perfection sprayer has a tank made like a steam roller. The all riveted seams give the necessary strength for developing a high pressure which is absolutely essential for good results. The tank is 7½ inches in diameter, 20 inches long, capacity 4 gallons, weight 10 lbs. The hose is 5 ply, nozzle is of the automatic type. This sprayer will handle whitewash, paints, bordeaux mixture, paris green, etc., with equal facility. For very heavy liquors use the extra nozzle cap which is furnished with the sprayer. The perfection has the distinction of combined simplicity, convenience, strength and service. Furnished in galvanized steel.

Price \$8.00; postpaid\$8.25

We keep on hand all extra parts:

Perfection nozzle \$2.00; postpaid, \$2.10; outside disk, 10c; inside disk, 10c; washer 6c; nozzle cap, 50c; ball, 25c; shoulder strap with snaps, 35c; valve spring, 15c; hose with nozzle and clamps attached \$2.50, postpaid \$2.60.

THE "SUCCESS" SPRAY PUMP—This pump has brass air chamber in the stock and is furnished with Bordeaux Nozzle which throws a continuous stream of fine or coarse spray. Price, as illustrated, with 3 ft. hose, \$6.25; postpaid\$6.50

THE PERFECT SUCCESS—Same as above with special foot rest, clamps bucket and pump together, so outfit may be carried in one hand. Price, \$6.75; postpaid\$7.50

We can furnish extra 7-foot section of hose for Success or Perfect pumps with couplings and pole holder, \$2.00; postpaid\$2.15

Success.

DAISY SPRAYER.

Double Action.

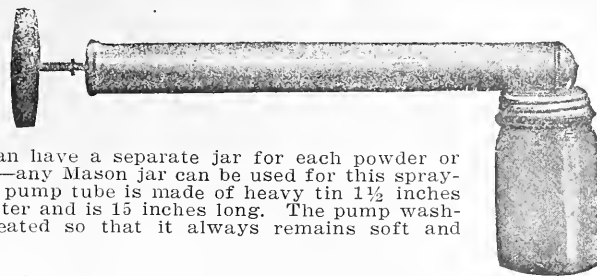
THE "DAISY" is a labor saver. It works both ways, sprays the same on the return stroke as on forward stroke, thus doing twice the work. Sprays straight up as well as down, a valuable feature in spraying poultry houses, etc. It speaks for itself, and needs no further description; is made with galvanized tank and holds 1 quart. Price, each, \$1.10; postpaid\$1.20

MISTY SPRAYER

THE "MISTY" SPRAYER is used to apply all kinds of insecticides on plants, etc. Unsurpassed for applying all kinds of stock dips and fly killer on cattle and horses, also for disinfecting poultry houses, barns, etc. Made of good tin and holds 1 quart. Price, each, 75c; postpaid85c

SCOLLAY RUBBER SPRINKLER—For spraying small plants. An ideal one for house use. When once used you will wonder how you got along without it. Will last a lifetime. Price, \$1.75; postpaid \$1.80

Simplex Powder Gun and Sprayer



You can have a separate jar for each powder or solution—any Mason jar can be used for this sprayer. The pump tube is made of heavy tin 1½ inches in diameter and is 15 inches long. The pump washer is treated so that it always remains soft and pliable.

You Can Blow—Lice Powder, Insect Powder, Cabbage Worm Powder, Flea Powder, Hellebore, Healing Powder, Paris Green; in fact any powder that blows.

You Can Spray—Paris Green solution, Liquid Lice Killer, Disinfectant, Bordeaux Mixture, Fly Chaser, Sheep Dip, or medicine of any kind into open wounds or sores. It blows and sprays in any position up or down. You don't know of a sprayer that has more genuine use than this. Price, each, 75c; postpaid.....85c

THE EASY SPRAYER



The Easy is a compressed air sprayer.

Has a large powerful pump. Automatic shut-off nozzle. Suitable for disinfecting and very desirable for spraying large gardens, etc. Can spray more in 10 minutes with this than an hour with any quart sprayer, 23 inches long—holds 1 gallon. Galvanized. Price \$4.00; postpaid\$4.25

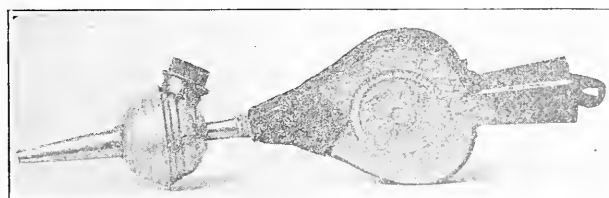
CORONA HAND DUSTER



This little Hand Duster is so constructed that it emits powder in clouds of the right consistency, at the same time works easily. The Corona Hand Duster is the most efficient Duster on the market and no other dusting device in its class can approach it for efficiency, ease of manipulation, simplicity and durability. It is so simple in construction that it eliminates all trouble. A regular mason jar can be used with it.

Price, \$1.00; postpaid\$1.15

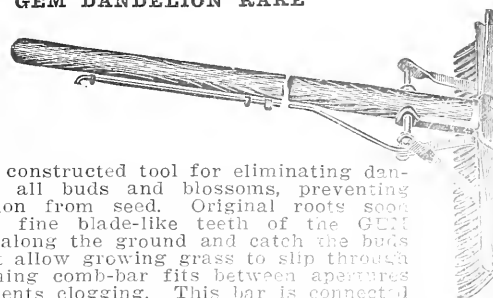
POWDER BELLOWS



This bellows is designed for dusting plants with dry powder and can be held in any direction without wasting powder. Can dust under the leaves as well as on top and does not clog.

Price, 35c; postpaid45c

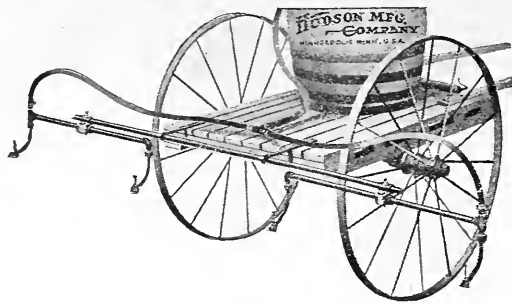
GEM DANDELION RAKE



A scientifically constructed tool for eliminating dandelions; cuts off all buds and blossoms, preventing further propagation from seed. Original roots soon starve out. The fine blade-like teeth of the GEM RAKE slide flat along the ground and catch the buds and blossoms, but allow growing grass to slip through easily. Self-cleaning comb-bar fits between apertures of teeth and prevents clogging. This bar is connected to a rod on the handle and combs teeth clean at a slight pull on the finger hook. A stiff spring sends the comb-bar back into original position when finger hook is released.

16-inch medium size, each \$3.00; postpaid.....\$3.15
24-inch large size, with leaf back, each \$4.00; postpaid.....\$4.15

BARREL PUMP AND FIELD SPRAYERS



FOUR-ROW FIELD SPRAYER NO. 653

For spraying potatoes, strawberries and all field crops. This is a very convenient device as it is easily and quickly attached to any wagon, can be adjusted to rows of any width from 22 to 40 inches. For forward or backward spraying, they may be raised or lowered and brought together to pass through gate.

Price\$18.25
Special pump and sprayer catalog on request.

Corn and Potato Planters

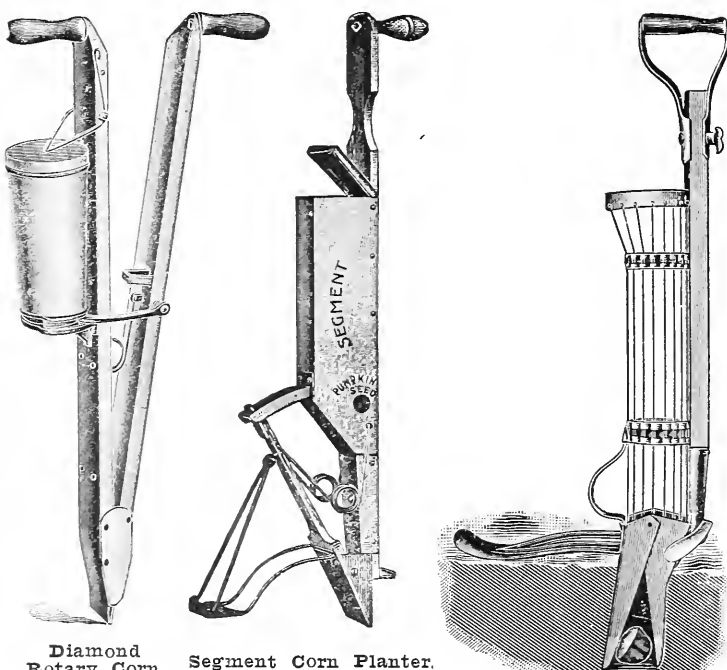
POTATO PLANTER No. 304—A light tubular planter. Its spring closed jaws are especially designed to enter the soil easily, yet open wide enough to drop the largest seed. The dropping lever is adjustable for any depth of planting. See cut. Price, \$2.00; postpaid\$2.25

ACME POTATO PLANTER—A very handy tool with jaws of crucible steel, points polished, galvanized iron, taper conveying tube, natural finish. Height 36 inches. Price, \$1.50; postpaid\$1.70

DIAMOND ROTARY CORN PLANTER—The Diamond is the most perfect Rotary Corn Planter on the market. Has four discs, one especially for Broom Corn and seeds of that class. The Diamond has Rotary drop, and works perfectly. Highly recommended. Price, \$3.10; postpaid\$3.35

ACME CORN PLANTER—Works in any soil; has a flexible and adjustable iron drop, and does not wear the brush. It has an iron seed box and iron channel. Strong, durable, reliable and gives universal satisfaction. Each, \$1.40; postpaid.....\$1.65

SEGMENT CORN PLANTER—(See illustration). An all metal planter which is operated by a spring with the foot, strong, reliable tool. Each \$2.25; postpaid\$2.35



Diamond Rotary Corn Planter. Segment Corn Planter.

Potato Planter. No. 304



"IDEAL" SPRAYING OUTFIT

This outfit was designed to fill the requirements of the small gardeners; fruit growers, and farmers, it is light, compact and easy to operate. The tank holds 15 gallons, and will not slop or spill, is made of extra heavy galvanized iron. A pressure of 150 pounds can be maintained by its special air chamber, outfit consists of 10 ft. $\frac{3}{8}$ inch hose, 8 ft. pipe extension in two pieces, one brass shut off cock, one ideal nozzle, all ready for use. Price\$27.50

CYCLONE

THE WORLD'S STANDARD SEED SOWER



CAN SOW Fifty acres in a ten-hour day—seeded evenly, thoroughly and easily. That's what you can do with a Cyclone Seeder. Use it with any seeds that can be sown broadcast or with ground bone, ashes or fertilizer—a Cyclone will pay for itself in three hour's work. Because its absolutely even distribution will make three bushels do the work of four. Each \$2.25; postpaid, \$2.35.

THE SOWER THAT SATISFIES

Barker Weeder, Mulcher and Cultivator

(Three Machines in One)

This is a practical as well as up-to-date hand cultivator, doing better work than many others; it has small pointed shoes or hoes. The Barker is made on the principle of a lawn mower, the long revolving blades working up the surface of the ground thoroughly cutting weeds and separating them from the soil, so that they are easily destroyed. More effective, as no weeds can be missed and a fine mulch is left over the surface of the ground, which prevents the evaporation of the moisture.

Each machine is fitted up with leaf guards and tooth attachments. The $8\frac{1}{2}$ inch and 10 inch for ordinary use. The 6-inch is for lettuce and crops that are planted in close rows.

No. 6 D. Complete with all attachments, 6 inch.....\$7.25
No. $8\frac{1}{2}$ D. Complete with all attachments, $8\frac{1}{2}$ inch.....\$8.50
No. 10 D. Complete with all attachments 10 inch.....\$9.50

FARM USES FOR HAND SPRAYERS

It is folly to allow the fruits of the garden or orchard to be ruined by insects and diseases when efficient spraying will correct the evils and do much to produce perfect specimens. Learn what your trouble is, use the proper sprayer, the proper remedy, and do the work in season and thoroughly.

A Sprayer saves its cost many times over on the farm. Today Sprayers are used wherever there is a surface to cover with solution, paint or water. Farmers use a Sprayer for applying all kinds of solutions to fruit, garden and field crops. They use it for applying solutions to all the animals on their farms, disinfecting, whitewashing and cold water painting and scores of other time-saving uses. Not only is spraying cheaper, quicker and better for whitewashing buildings and fences, but it reaches crevices impossible to cover with a brush.

TROWELS



211.

211. Forged Steel Garden Trowel, blade and shank are made of one piece of steel, being forged out in the same way as masons' brick trowels. A stout, strong trowel, suitable for the hardest work.

Price, 6-inch blade, each 70c; postpaid.....75c



212.

212. Solid Steel, Garden Trowel, made of one piece, heavy sheet steel, the shank and blade being one piece; a good strong trowel for family use; finely polished.

Price, 6-inch blade, each 45c; postpaid.....55c



213.

213. Made of cold rolled steel, bright blades, malleable iron shanks firmly riveted. The blades will not pull off the shanks.

Price, 5-inch blades, each, 25c; postpaid.....35c

Price, 6-inch blades, each, 30c; postpaid.....40c



214.

214. English pattern, extra heavy Garden Trowels; riveted by the new method with extra long rivets; blades finely polished; a very fine article.

Price, 6-inch blades, each, 40c; postpaid.....45c



216.

216. Ladies Flower Trowel. Riveted by new method.

Price, 6-inch blade, 25c; postpaid.....30c



217.

217. Transplanting Trowel—the blade and shank of this trowel are made of one piece of heavy sheet steel. Excellent for lifting and setting out plants and seedlings.

Price, 5-inch blade, 25c; postpaid.....30c

Price, 6-inch blade, 30c; postpaid.....35c

216A—Broad Bladed Bulb Trowel, each 60c; postpaid.....65c

217A—Transplanting Hoe Trowel, 7 in. Each 35c; postpaid.....45c

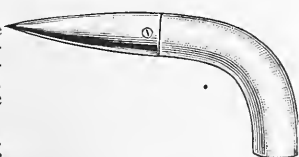
2120—Long Handled Trowel. Each, 45c; postpaid.....55c

DIBBLES

For Transplanting Vegetable Plants etc.

DIBBLE—No. 219—Bent wood handle with iron point; usual size, handiest tool ever made for transplanting cabbages, etc. Each, 60c; postpaid70c

DIBBLE—No. 220—Iron Dibble. Price, each, 65c; postpaid.....75c



RATES FOR PARCEL POST SHIPMENTS—SEE PAGE 70.

WEEDERS

GARDEN WEEDER WITH RAKE—A short-handled tool, very handy for flower garden. Each, 45c; postpaid55c



Seven-Point Self-Cleaning Weeder—Size 3 3/4 inches, with 16-inch smooth oak handle, made of semi-steel galvanized to prevent rust. Price, each, 35c; postpaid.....45c

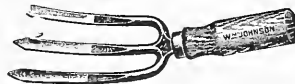


LANG'S HAND WEEDER
HANDIEST TOOL ON EARTH.



LANG'S HAND WEEDER—One of the handiest tools yet devised for weeding and thinning out. Each25c Postpaid30c

WEEDING FORKS



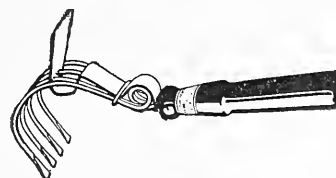
No. 300

GARDEN WEEDING FORK No. 30—3 tine, malleable, each, 15c; postpaid20c

GARDEN WEEDING FORK No. 300—3 tine, very strong, useful tool. Each, 45c; postpaid.....50c



GARDEN WEEDING FORK No. 400—4 tine, short handled, very strong, useful tool. Each, 35c; postpaid.....40c



MAGIC COMBINATION WEEDER—A very handy tool for use among flowers and small vegetables. Destroys the weeds and leaves the earth about the roots without disturbing the roots themselves. Price, 55c; postpaid65c

Excelsior Weeder



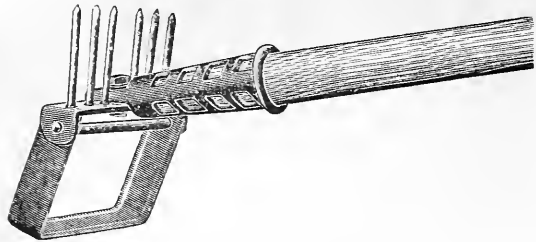
A very useful tool for weeding seed beds. For stirring the ground etc. no one should be without one. Each 20c; postpaid, 25c.



THE BEST REMEDY KNOWN FOR ROOT MAGGOTS AND VEGETABLE PESTS.

SEE PAGE 122.

GILSON WEEDER



Cuts both ways under the soil surface. Destroys weeds, loosens and levels soil, forms a perfect mulch. The gardener works away from the cultivated soil instead of tramping it down, as

when working with a hoe, and he does four times the work with half the effort. The double-edged cutting blade of the Gilson Weeder is of tough, tempered steel; rake tines 3 inches long, with handle socket fastened by lock nuts; 6-foot hardwood handle, smooth finish.

3½ inch blade, each, 75c; postpaid85c
6 inch blade, each 85c; postpaid95c
6 inch blade, each, 90c; postpaid\$1.00

STANDARD FLOWER POTS

Inside Measurement	Approximate weight	F. O. B. Helena	Each	Doz.
2 inch	per dozen	3 lbs.....	\$.03	\$.30
2½ inch	"	4 lbs.....	.04	.30
3 inch	"	5 lbs.....	.05	.45
4 inch	"	12 lbs.....	.06	.60
5 inch	"	18 lbs.....	.09	.80
6 inch	"	25 lbs.....	.10	1.15
7 inch	each	3½ lbs.....	.20	
8 inch	"	4½ lbs.....	.30	
9 inch	"	5½ lbs.....	.50	
10 inch	"	10¼ lbs.....	.75	
12 inch	"	14¼ lbs.....	1.20	

NOTICE—If wanted by mail add postage.

RATES FOR PARCEL POST SHIPMENTS—SEE PAGE 70

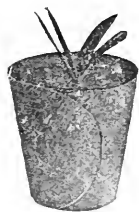
FLOWER POT SAUCERS

Inside Measurement	Approximate weight each	F. O. B. Helena	Each	Doz.
4 inch	8 oz.....	\$.04½		\$.50
5 inch	10 oz.....	.05		.60
6 inch	13 oz.....	.06¼		.75
7 inch	1¼ lbs.....	.10		1.00

NOTICE—If wanted by mail add postage.

RATES FOR PARCEL POST SHIPMENTS—SEE PAGE 70

Neponset Water-Proof Paper Pots



The unequalled paper pot for general transplanting young plants of all kinds. Light, strong, waterproof and inexpensive. Try them if you raise your own Tomato and other vegetable plants.

	per doz.	per doz.	per 100	per 100
2¼ inch.....	10c	10c	\$.65	\$.75
2½ inch.....	12c	15c	.75	.85
3 inch.....	18c	25c	1.20	1.30
3½ inch.....	21c	30c	1.40	1.55
4 inch.....	25c	35c	1.75	1.85
5 inch.....	35c	45c	2.50	2.65
6 inch.....	45c	55c	3.50	3.65



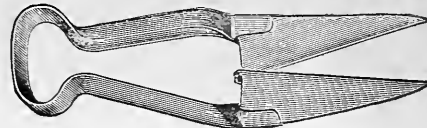
Roach and Ant Powder

"Kills Them Quick"

A most effective and quick acting preparation, which will destroy Roaches and ants. Full directions on each package, guaranteed to kill Roaches and Ants.

Pkg., 25c; postpaid30c

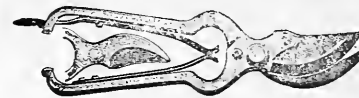
GRASS SHEARS



GRASS SHEARS—Superior—A good article at a low price, per pair, 65c, postpaid75c

GRASS SHEARS—(Hartford)—Tool steel, the best that money can buy; per pair, 90c; postpaid\$1.00

PRUNING SHEARS



NORTHERN KING PRUNING SHEAR—#485B—Polished steel blades. Double brass flat springs. The best for vineyard and other pruning. 9 inch. Price, \$2.15; postpaid\$2.30

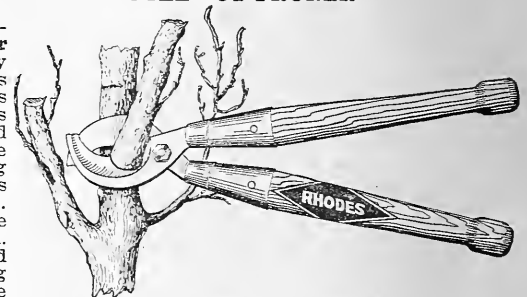


SUPERIOR PRUNING SHEAR #485B4—Malleable iron handle, polished steel blade with blued steel volute spring, 9 inch. Price, \$1.60; postpaid \$1.75

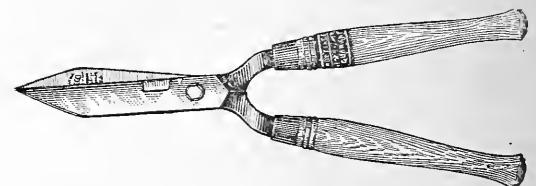
HARTFORD PRUNING SHEARS 485D—Used extensively as ladies pruning or flower shears 6½ inch nickle plated. Similar to "Superior". Price, \$2.15; postpaid\$2.25

RHODES DOUBLE CUT PRUNER

The most powerful pruner made. The only pruning shears made that cuts from both sides of the limb, and does not bruise the bark. Long ferrules, handles do not pull out. Blades are the best forged steel. Can also be used for dehorning young cattle. The best and strongest pruner made. Price, \$5.00; postpaid.....\$5.25



HEDGE SHEARS



HEDGE SHEARS—ZENITH—Useful in trimming shrubs, small bushes and trees; also preferred by many for edging lawns and beds. Blades are polished solid cast steel.

No. 485M—8 inch blade, per pair, \$2.75; postpaid\$3.00

No. 485N—9 inch blade, per pair, \$3.00; postpaid\$3.25

WATERS TREE PRUNERS

The best pruner on the market. Cuts limbs up to ¾ in. in diameter. The spring on handle resets the cutting blade.

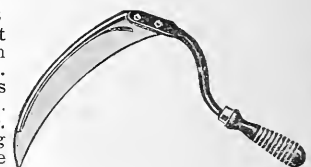
Prices:
6 ft.....\$2.10
8 ft.....\$2.25
10 ft.....\$2.50
12 ft.....\$2.75

Tree pruners can not be sent by parcel post.



LITTLE GIANT GRASS HOOK

Is a miniature scythe and cuts like a scythe. Very handy for cutting grass, etc. A very useful article. 12 in. blade, price 65c postp'd. 75c



Little Giant Grass Hook.



CULLING OR GRAPE SHEARS

The best fruit thinning shear made. Length 6½ inches. Polished blades. 75c; postpaid, 80c.



Planet Jr. Garden Tools



The name "Planet Jr." has become synonymous with labor saving among gardeners and farmers everywhere and they instinctively want the implement that bears this trade mark. The times demand maximum production; and gardeners and farmers are on the alert for aid to get the biggest return from the soil for the least expenditure of time and effort.

- No. 4—Planet Jr., Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow—Price complete (weight 50 lbs.)**\$19.50
No. 4D—As a Seeder only (Holds 2½ Quarts of Seed)\$15.50

This accurate, durable and easy running tool sows all garden seeds from the smallest up to peas and beans in hills 4, 6, 8, 12, or 24 inches apart, or in drills at the proper thickness and depth; rolling down and mark-



out the next row all at one passage. No time is lost. No seed is wasted.

- Planet, Jr., No. 25—Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow—Holds 6½ quarts, Weight, complete, 61 lbs.**
Price\$23.00

Equipment, one pair 6-inch Hoes, 4 Cultivator Teeth, one pair Plows, two Leaf Guards, one Marker. This is a tool for Market Gardeners or large family gardens, where both single and double wheel hoes can be used to advantage. The hopper will hold four pounds of Onion Seed.

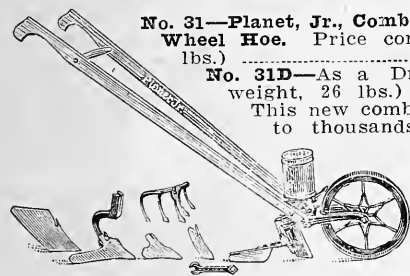


- No. 31—Planet, Jr., Combined Drill Seeder and Single Wheel Hoe. Price complete (Packed weight, 32 lbs.)**\$13.00

- No. 31D—As a Drill Seeder only, (Packed weight, 26 lbs.)**\$10.50

This new combined tool is of great value to thousands of gardeners who have never felt able to own, either a seed drill or a wheel hoe. It will sow even a small packet of garden seed with great precision in a narrow row from ¼ to 2 inches deep. Quickly changed to a

splendid wheel hoe. A special machine for the small gardener at a price he can afford to pay.



- No. 1—Planet, Jr., Combined Drill, Seeder, Wheel Hoe, Cultivator and Plow—Price**\$16.00

Equipment: One pair 6-inch Hoes, 3 Cultivator Teeth, one large Garden Plow and one Marker.

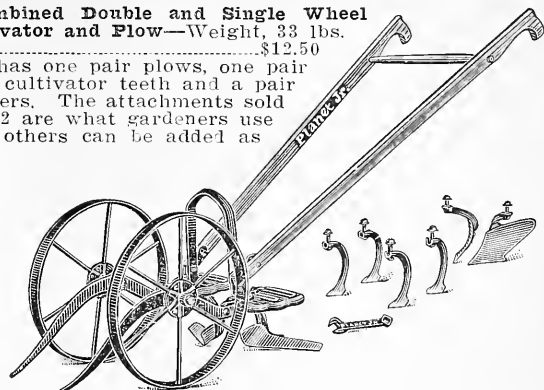
This is the old Reliable Planet, Jr., No. 1. Many of these tools have been in constant use for over thirty years, and are still giving good satisfaction. Holds 3 pts. weight (packed,) 47 lbs.

Planet, Jr., No. 2—Same as No. 1 as a seeder only. Price.....\$14.00



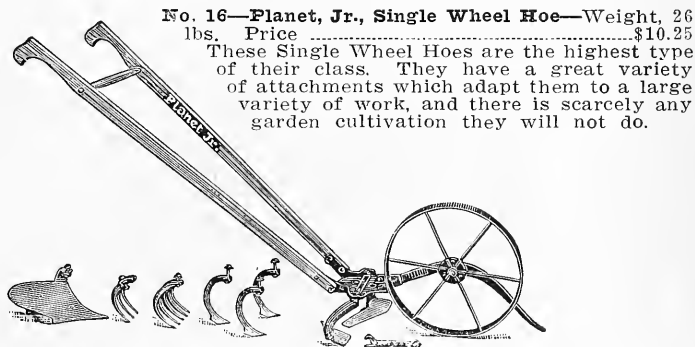
- No. 12—Combined Double and Single Wheel Hoe, Cultivator and Plow—Weight, 33 lbs. Price**\$12.50

This tool has one pair plows, one pair hoes, four cultivator teeth and a pair of leaf lifters. The attachments sold with No. 12 are what gardeners use most, and others can be added as wanted.



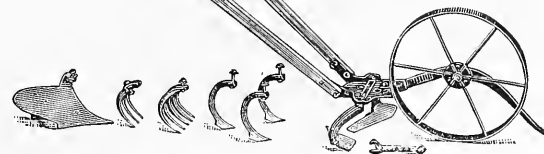
- No. 13—Planet, Jr., Double Wheel Hoe—Steel Frame—Price, \$9.00**

The greatest hand cultivating tool in the world for the onion and small sugar beet grower, and also for every grower of garden and market garden crops from drilled seed. They do more and do it better and easier than can possibly be done in any other way where rows are too close for horse work. Has 1 pair 6-inch hoes only. Useful throughout the season.



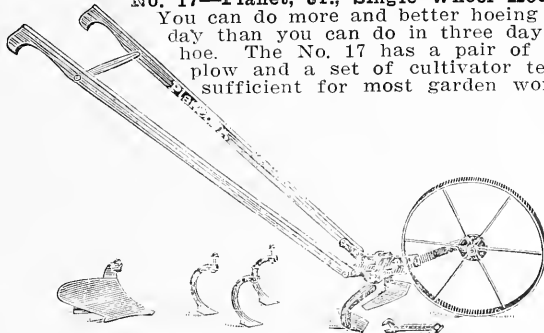
- No. 16—Planet, Jr., Single Wheel Hoe—Weight, 26 lbs. Price**\$10.25

These Single Wheel Hoes are the highest type of their class. They have a great variety of attachments which adapt them to a large variety of work, and there is scarcely any garden cultivation they will not do.



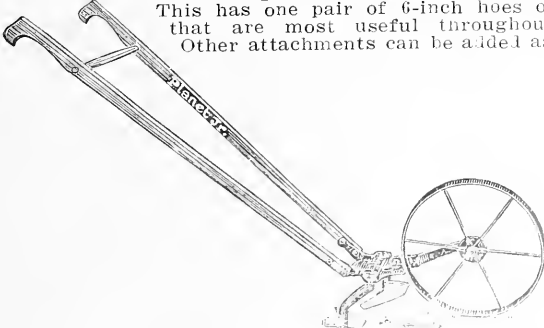
- No. 17—Planet, Jr., Single Wheel Hoe—Price.....\$8.75**

You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth; an outfit sufficient for most garden work.

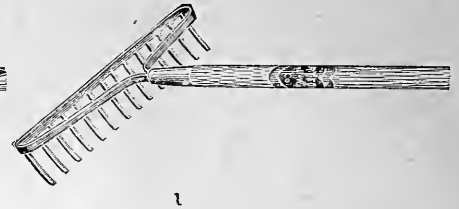
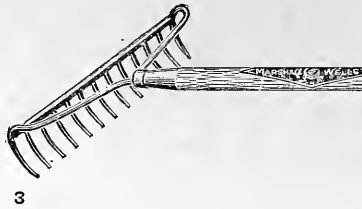
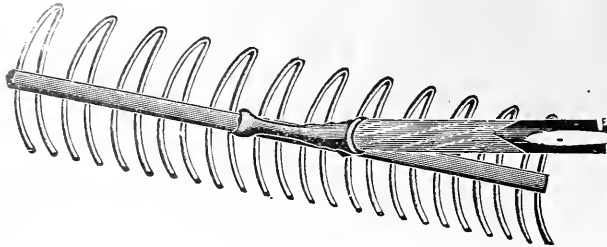


- No. 18—Single Wheel Hoe—Price.....\$6.25**

This has one pair of 6-inch hoes only—the tools that are most useful throughout the season. Other attachments can be added as needed.



The new "PLANET JR." Catalog is the handsomest, best, and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.



All Articles on this Page NOT QUOTED POST-PAID, Forwarded at Purchaser's Expense.

GARDEN TOOLS

RAKES, SPADING FORKS, HOES, DANDELION PULLERS, etc.

Asparagus Knife—See page 73—Each, 65c; postpaid.....75c

Hartford Solid Steel Bow Rake.

No. 1—476E—14 teeth, 5½ ft. handle, \$1.00; postpaid.....\$1.10

No. 2—476F—16 teeth, 6 ft. handle, \$1.10; postpaid.....\$1.20

No. 3—Zenith Garden Rake 476B—14 teeth, 5½ ft. handle curved steel teeth, \$1.35; postpaid\$1.45

No. 4—Zenith Garden Rake 476C—16 teeth, 6 ft. handle, curved steel teeth, \$1.50; postpaid\$1.60

No. 5—Northern King Steel Rake 476H—Double bar head, 5½ ft. handle, 12 teeth, 75c; postpaid85c

No. 6—Superior Malleable Iron Garden Rake 476L—Single shank, 5½ ft. handle, 12 teeth, 55c; postpaid.....65c

Gem Dandelion Rake—See page 125.

No. 7—Reversible Wire Lawn Rake—The best lawn rake known, has twenty-four wire teeth with a twenty-inch metal head; each 90c; postpaid\$1.00

No. 8—Special Lawn Rake—12 inch—26 curved saw teeth, used for cutting dandelion heads. Each, \$1.20; postpaid.....\$1.30

No. 9—Combined Hoe and Rake—4 prong, 4½ ft. handle. Each \$1.15; postpaid\$1.25

No. 10—Zenith Garden Hoe—Solid socket. First quality polished steel, 6½ inches wide. Each \$1.30; postpaid.....\$1.40

No. 11—Hartford Garden Hoe—First quality steel, 6½ in. wide; each, \$1.20; postpaid\$1.30

No. 12—Acme Special Steel Weeding Hoe, 4½ ft. handle; very useful, light tool; 5 inch blade, each, \$1.45; postpaid \$1.55

No. 13—Warren Hoe—7-inch blade, 4½ ft. socket handle, good for cultivating or irrigating, each 95c; postpaid\$1.05

No. 14—Superior Weeding Hoe—3W—16-inch handle. Very useful article, each 60c; postpaid70c

No. 15—ZAC3—Zenith Adjustable 3-Prong Cultivator—Each, \$1.00; postpaid\$1.10

No. 16—Hartford Two-Prong Weeding Hoe—50c; postpaid.....60c

No. 17—Zenith Four-tined Spading Fork—First quality, polished flat face, heavy angular tines, strap ferrules, D handle; each, \$1.75; postpaid\$1.90

No. 18—Northern King Four-Tine Spading Fork—Flat face, angular back tines, black finish, strap ferrules, D handle, each, \$1.35; postpaid\$1.50

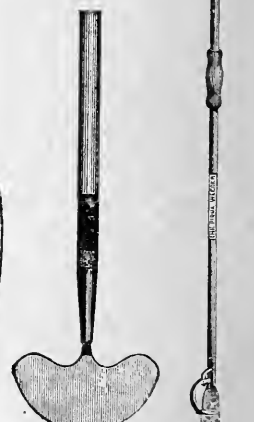
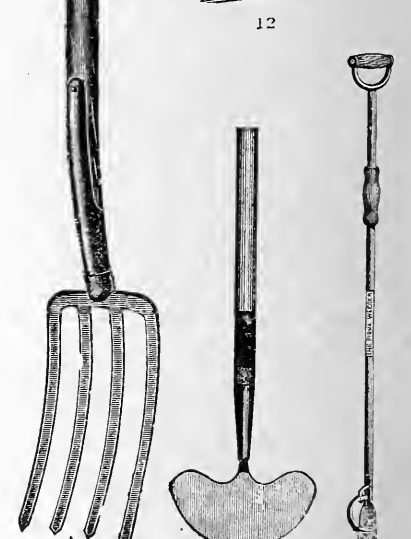
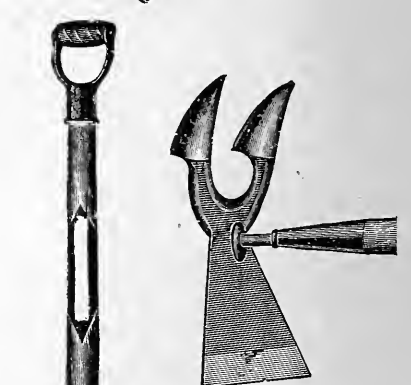
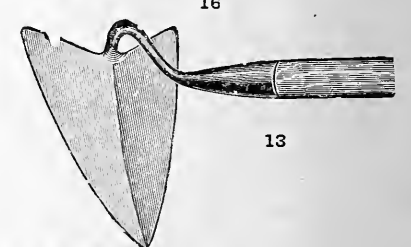
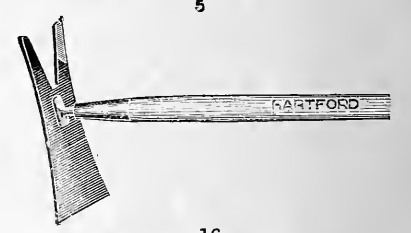
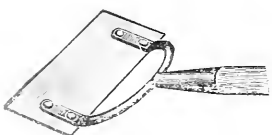
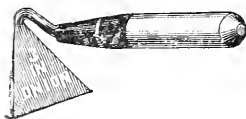
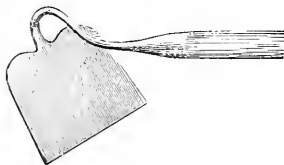
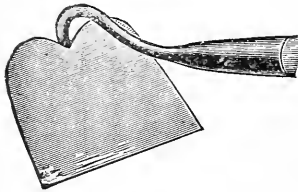
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GENERAL INDEX

FLOWER PLANT DEPT. HARDY PERENNIALS. (Pages 1 to 25.)

	Page.
Abutilon	2
Ageratum	12
Aloysia Citrodora	13
Alyssum, Sweet	12
Antirrhinum	12
Asparagus Plumosus	13
Asparagus Sprengerii	13
Asters	3
Begonias	3
Bellis	3
Canarybird Vine	4
Care of Roses	20
Carnations	5
Chrysanthemums	4
Cigar Plant	6
Cineraria	5
Creeping Charlie	6
Coleus	5
Cuphea	6
Cyclamen	6
Cyperus Alternifolius	6
Dahlias	6-8
Daisies	8
Dracaena	8
Ferns	8-9
Fern Dishes	8
Feverfew	10
Ficus	10
Flowering Maple	2
Forget-Me-Not	10
Fuchsia	10
Genista	10
Geraniums	11-12-13
Glaucolus	13
Gilly Flower	19
Hanging Baskets	13-14
Heliotrope	14
Hibiscus	14
Hydrangea	14
Impatiens	15
Ipomea	14
Ivy—English	15
Ivy—Parlor	15
Kenilworth Ivy	6
Lantana	2
Lemon Verbena	2
Lilies	15
Linaria	15
Lobelia	15
Marguerites	16
Martia Washington	12-13
Matricaria	10
Mignonette	16
Moneywort	16
Moon Vine	14
Nasturtium	16
Oleander	16
Orchids	16
Oxalis	16
Palms	20
Pansy Geranium	13
Pansies	17
Paris Daisy	16
Pelargoniums	12-13
Petunias	17
Porch Boxes	13
Primrose	18
Primula	18
Roses	20-25
Rubber Plant	10
Salvia	18
Sanseveria Zeylanica	18
Saxifraga	18
Snapdragon	2
Stocks	19
Sweet Alyssum	2
Tradescantia	19
Tuberose	19
Umbrella Plant	6
Verbena	19
Vinca	19
Violets	19
Wallflower	19
Wandering Jew	19
Window Boxes	13
Zebra Plant	13
Zinnia	19

HARDY PERENNIALS. (Pages 26-34.)

Achillea	26
Aegopodium	26
Alyssum, Hardy	26
Anchusa, Italica	26
Aquilegia	26
Arabis	26
Baby's Breath	29
Blanket Flower	29
Bleeding Heart	29
Boltonia	27
Campanula	27
Candytuft, Hardy	30
Canterbury Bell	27
Cerastium	27
Chimney Bell Flower	27
Chrysanthemum	28
Columbine	27
Coreopsis	27
Day Lily	31

Continued.

	Page.
Delphinium	27-28
Dianthus	28
Dielytra	28
Digitalis	28
Doronicum	28
False Chamomile	27
Feverfew	31
Flags	30
Foxglove	28
Gaillardia	29
Glechoma	29
Golden Glow	33
Goutweed	26
Gypsophila	29
Hardy Garden Pinks	32
Helenium	29
Helopsis	29
Hemerocallis	30
Hesperis	33
Hollyhocks	29
Iberis	29
Iris	30
Larkspur	28
Lavender	31
Leopard's Bane	29
Lilies Hardy	33-31
Lychnis	31
Matricaria	31
Myrtle Trailing Vinca	33
Nepeta	29
Orange Sun Flower	29
Penstemon	31
Peonies	32
Periwinkles	32
Phlox, Hardy	32
Physostegia	31
Pinks	32
Poppies	32
Pyrethrum	31
Ragged Robbin	31
Rock Cress	27
Rudbeckia	33
Saponaria	33
Scabiosa	33
Shasta Daisy	28
Snow in Summer	27
Statice	33
Sweet William	28
Sweet Rocket	33
Valerina	33
Variegated Ground Ivy	29
Veronica	33
Vinca	33
Virginia Heather	31

HARDY SHRUBS AND VINES (Pages 34-37.)

Caragana	36
Clematis	37
Cornus	34
Deutzia	34
Dogwood	34
Elderberry	35
German Bitter-Sweet	37
Honeysuckle	34
Hop roots	37
Lilacs	34-35
Mock Orange	35
Oleaster	35
Philadelphus	35
Russian Olive	35
Solanum	37
Sambucus	35
Siberian Pea	36
Snowball	36
Snowberry	36
Spirea	36
Syringa	36
Viburnum	36
Virginia Creeper	37

SHADE AND ORNA- MENTAL TREES. (Pages 38-41.)

Ash	38
Balm of Gilead	39
Birch	39
Box Elder	39
Elm	39
Evergreens	41
Maple	39
Mountain Ash	38
Poplar	40
Rowanberry	39
Spruce	41
Tree Cuttings	40
Willow	40

FRUIT TREES.

(Pages 41-32.)

Apples	41-42
Cherries	42
Plums	42

BUSH FRUITS. (Pages 43-44-45.)

	Page.
Blackberries	43
Currants	43
Gooseberries	44
Grapes	44
Raspberries	44
Strawberries	45

VEGETABLE PLANTS AND GARDEN ROOTS.

Asparagus	46
Brussel Sprouts	46
Cabbage	46
Cauliflower	46
Celery	46
Chives	46
Cucumbers	46
Egg plant	46
Horse Radish	46
Kale	46
Mint	46
Parsley	46
Pepper	46
Rhubarb	46
Tomatoes	46

FLOWER SEEDS. (Pages 51-63.)

Abronia	52
Acrolinum	64
African Gold Daisy	52
Ageratum	52
Alyssum	52
Amaranthus	52
Ammobium	64
Angel's Breath	58
Antirrhinum	52
Aquilegia	55
Asperula	52
Asparagus	52
(Sprenger & Plumosus)	52
Asters	53
Balsam	54
Balloon Vine	54
Bartonia	54
Bachelor's Button	54
Brachycome	54
Bellis	56
Bean, Scarlet Runner	54
Burning Bush	59
Cacalia	54
Calendula	54
Calandrina	54
California Poppy	57
Calliopsis	54
Canary Bird Flower	54
Candytuft	54
Canterbury Bells	54
Carnation	54
Castor Bean	54
Catchfly	54
Celosia	55
Centauria	55
Chinese Lantern	63
Chinese Woolflower	55
Chrysanthemum	55
Clarkia	55
Cobea	55
Columbine	55
Coxcomb	55
Convolvulus	55
Convolvulus—Japan- ese	59
Coreopsis	54
Cosmos	56
Cucumber Wild	65
Cypress Vine	56
Dahlia	56
Daisy	56
Delphinium	56-57
Dianthus	57
Digitalis	57
Dolichos	57
Echinocystis Lobata	67
Eschscholtzia	57
Eutoca	57
Evening Primrose	61
Evening Scented Stock	60
Everlasting Sweet Peas	69
Feverfew	60
Flora's Paint Brush	54
Floss Flower	52
Forget-Me-Not	60
Foxglove	57
Four O'Clock	58
Fringe Flower	64
Gaillardia	58-62
Geranium	58
Godetia	58
Gomphrena	58
Gourds	58
Gypsophila	58
Helichrysum	64
Heliotrope	58
Hollyhock	58
Humulus	58
Hunemannia	58-59

FLOWER SEEDS.

	Page.
Hyacinth Bean	57
Ice Plant	59
Ipomea	59
Kenilworth Ivy	59
Kochia	59
Kuczu Vine	59
Larkspur	56-57
Lathyrus	69
Lavender	59
Linum	59
Lobelia	59
Love Grove	60
Love-in-a-Mist	61
Lupins	59
Marigold	59-60
Matricaria	60
Matthiola	60
Mignonette	60
Moon Flower	60
Morning Glory	55
Mourning Bride	63
Musk Plant	60
Myosotis	60
Nasturtiums	60
Nemophila	60
Nicotiana	60
Nigella	61
Oenothera	61
Pansies	61
Petunias	62
Phlox	61
Physallis	63
Pinks	57
Poppies	62-63
Portulaca	63
Pot Marigold	54
Pyrethrum	63
Ricinus	54
Salvia	63
Salpiglossis	63
Sand Verbena	52
Scabiosa	63
Scarlet Flax	59
Scarlet Runner Beans	54
Schizanthus	64
Sea Lavender	64
Shamrock	64
Shasta Daisy	55
Snapdragon	52
Statice	64
Stocks	64
Strawflowers	64
Sunflower	64
Swan River Daisy	54
Sweet Alyssum	52
Sweet Peas	66-69
Sweet Rocket	65
Sweet William	65
Tassel Flower	54
Thunbergia	65
Verbena	65
Virginia Stock	64
Wallflower	65
Whitlavia	65
Wistaria	65
Wild Cucumber	65
Wild Flower Garden	65
Zeranthemum	64
Zinnia	66

VEGETABLE SEEDS. (Pages 71-96.)

Artichokes	73
Asparagus	73
Asparagus Knife	73
Beans, Garden	74-75-76
Beans, Field	77
Broccoli	77
Beets, Table	77
Beets, Sugar	78
Beets, Feeding	78
Brussels Sprouts	79
Cabbage	79-80
Cauliflower	81
Carrots	81
Celery	82
Celeriac	81
Citron	88
Corn, Sweet	83
Corn Salad	82
Chervil	82
Chives	82
Cress	84
Cucumber	84
Egg Plant	84
Endive	84
Garlic	84
Herbs	84-85
Kale	85
Kohl Rabi	85
Leek	85
Lettuce	85-86
Mangel Wurzel	78
Melons, Musk	86-87
Melons, Water	88
Mustard	88
Mushrooms	88
Okra	88
Onion Sets	89
Onion Seed	89-90

VEGETABLE SEEDS— Cont.

	Page.
Parsley	91
Parsnip	91
Peas	91-92-93
Pepper	93
Potatoes	111
Pumpkin	93-94
Radish	94-95
Rhubarb	95
Rutabaga	98
Salsify	95
Spinach	95
Squash	96
Swiss Chard	79
Tomatoes	97-98
Turnips	98

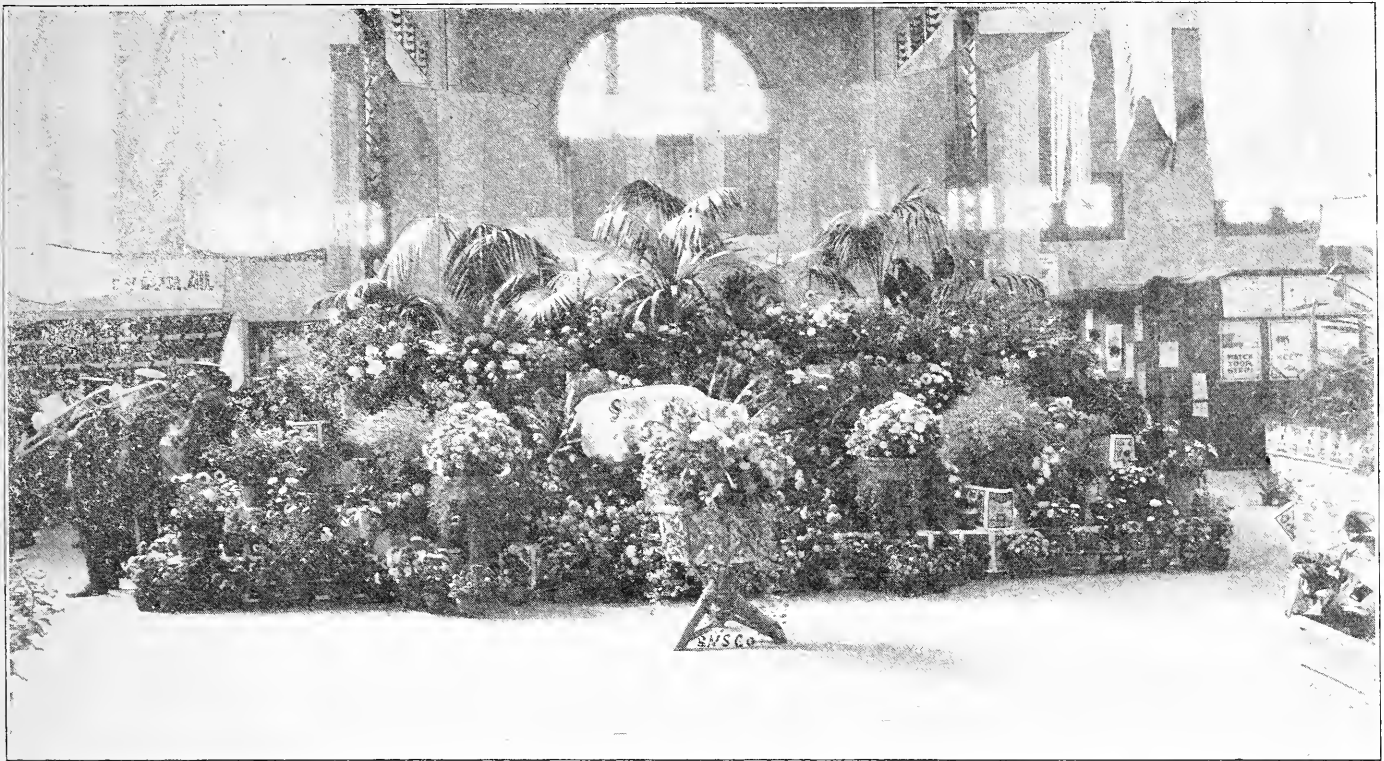
FIELD SEEDS. (Pages 101-111.)

Alfalfa	101-102
Alsike	103
Barley	109
Bird Seed	117
Buckwheat	107
Clovers	102-103
Corn, Field	110
Feterita	106
Flax	107
Blue Grass	104
Brome Grass	104
Kaffir Corn	106
Millet	105
Oats	107
Orchard Grass	104
Peas	105
Potatoes	111
Rape	107
Red Top	104
Rye Grass	104
Rye, Spring and Fall	109
Slender Wheat Grass	104
Sorghum	106
Soy Bean	105
Speltz	109
Sudan Grass	104-105
Sunflower	106
Timothy	104
Vetches	106
Wheat	107-108

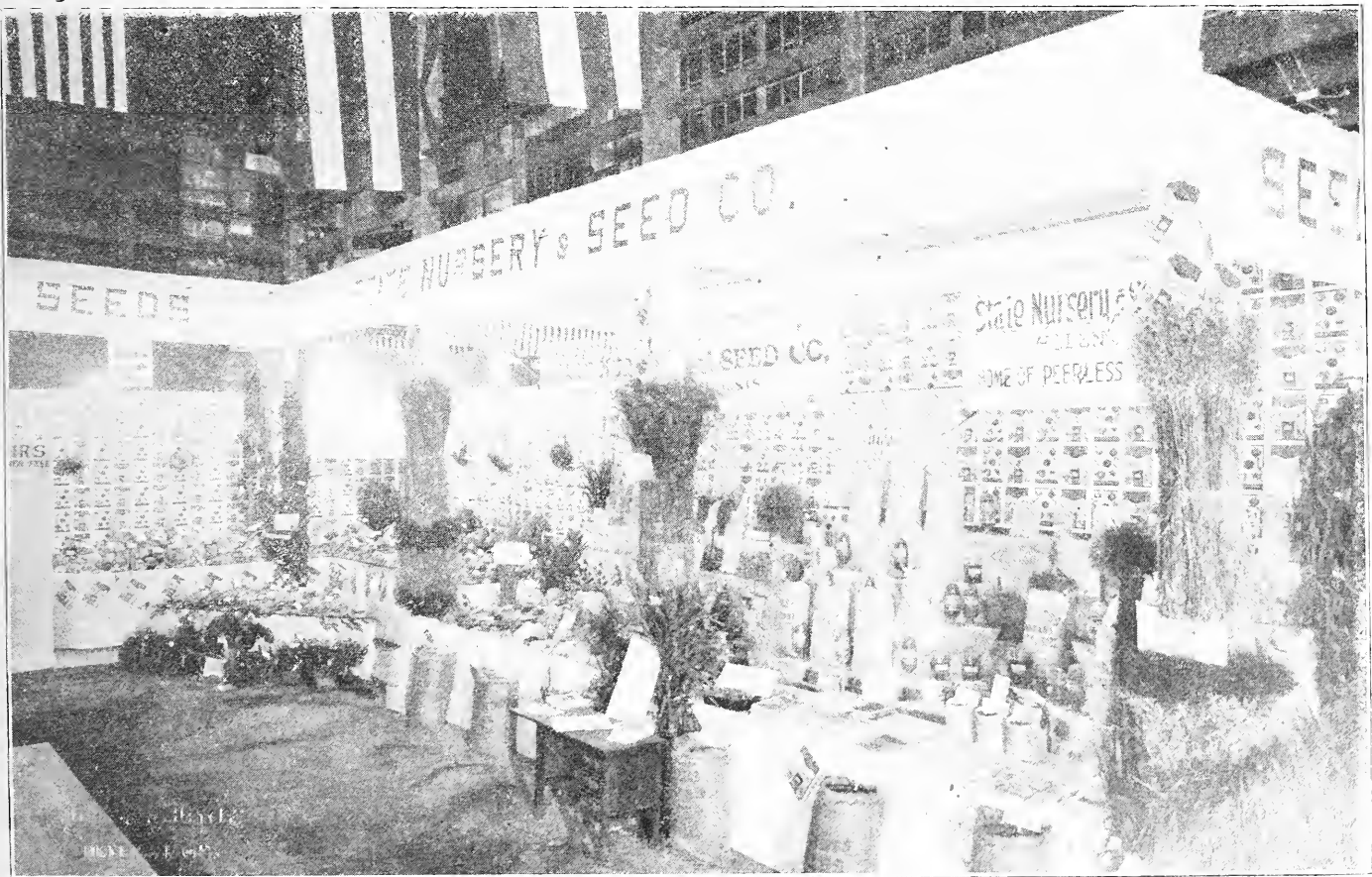
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BIRD SEED (Page 117)

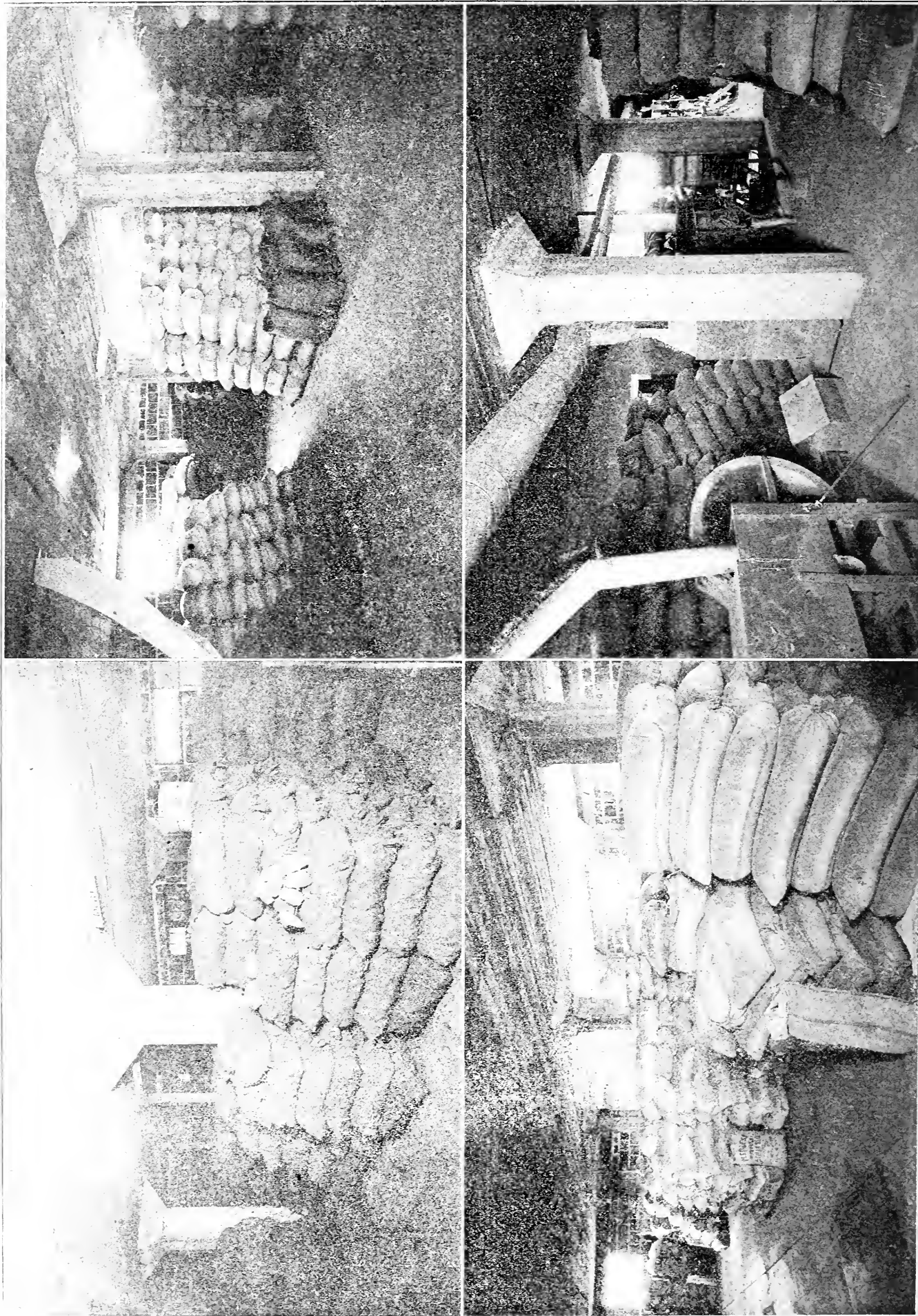
CUT FLOWERS. (Pages 47-50.)



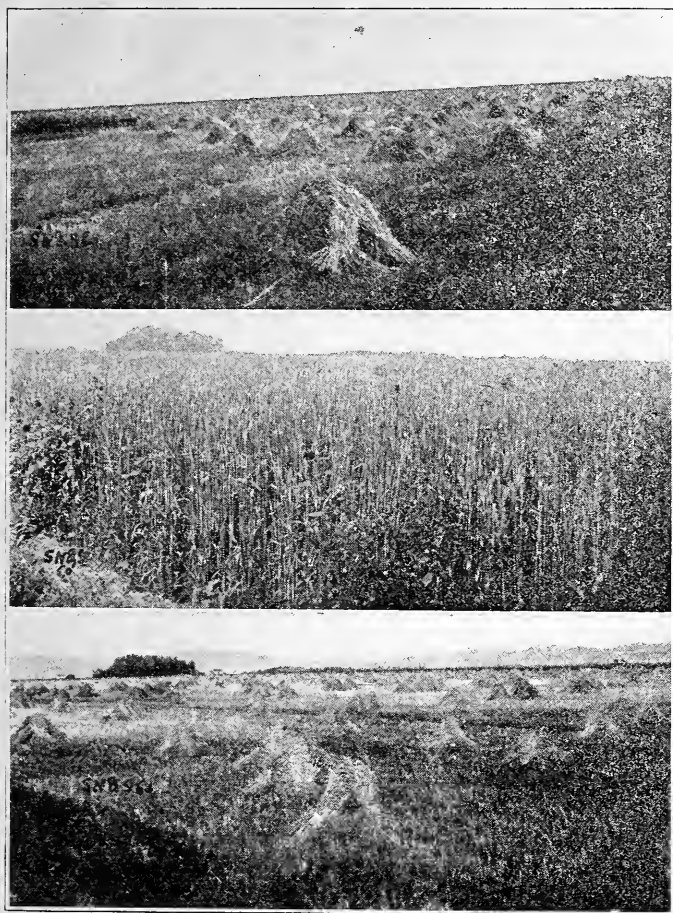
The above photograph depicts the gorgeous exhibit of plants shown by us at the State Fair in Sept. 1921. This exhibit was perhaps more admired than almost any other single exhibit at the State Fair.



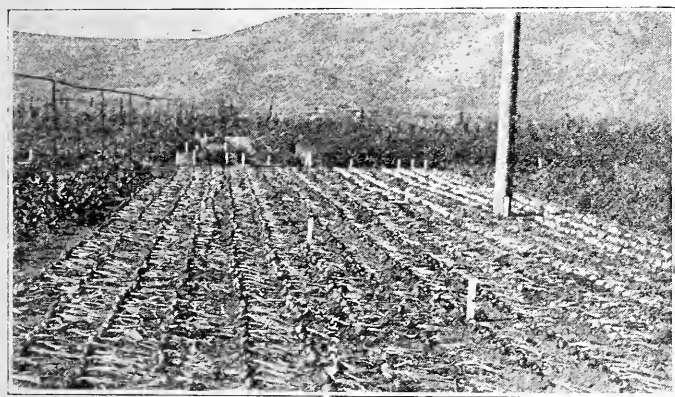
A photograph of our seed and vegetable exhibit at the State Fair, 1921. This exhibit also drew a great deal of attention from visitors from all parts of Montana and the Northwest. The vegetables shown were all produced on our trial and experimental grounds, and showed what can be produced in Montana and surrounding territory. Many of the specimens shown could not be surpassed in any section of the U. S.



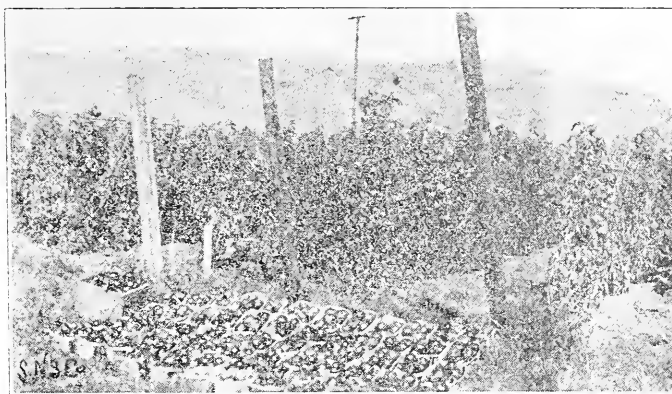
From Photographs of interior sections of our large Seed Warehouse. This will give our customers some idea of our facilities for caring for the large quantities of Field Seeds we handle yearly. This building is located near the Great Northern R. R. Depot, and is equipped with the best and latest machinery obtainable for re-cleaning all classes of field seeds, and with R. R. tracks to the loading platforms. Visitors to Helena who are interested in Farm Seeds will always be welcomed to a personal inspection of this up-to-date plant.



The above composite photograph graphically shows the results obtained from our Field Seeds. The upper picture is Spring Club Wheat in Shock, the centre the same wheat before cutting. This field of Club Wheat produced 42 bushels to the acre. The lower picture is of Victory Oats in shock. This field of Oats produced 104 bushels to the acre. These wonderful yields were grown in the Helena Valley on the Pruitt Stock Ranch.



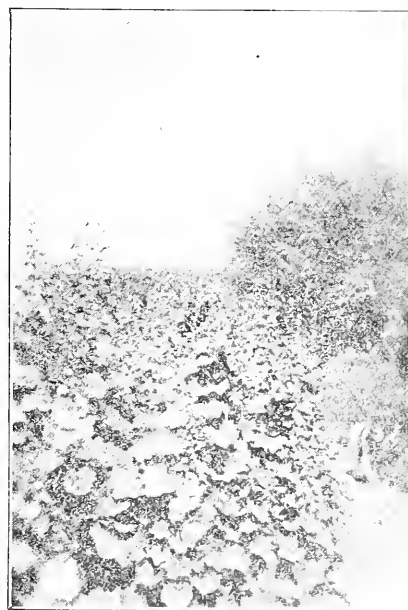
This picture was taken on our trial grounds, showing the heavy crop of Onions produced in 1921, pulled and drying. Many of the Onions shown above were over two lbs. in weight.



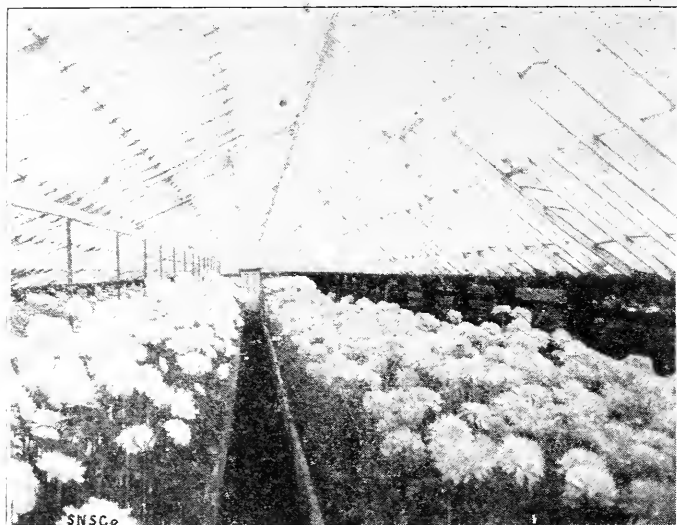
Montana Tomatoes—in our trial grounds—1921. This picture should be satisfactory evidence that these necessary and delicious fruits can be as well produced in Montana as elsewhere, when they are grown from our seeds and plants. Note the baskets of ripe gathered fruit—with vines still loaded with green fruit.



The above picture of potatoes was taken on the E. B. Roe Ranch, Centennial Valley, Mont., and were produced at an elevation of 7000 feet. They are certainly a credit to the energy and care of Mr. Clark, Ranch Foreman, and again show what Montana can produce when careful cultivation methods are practiced.



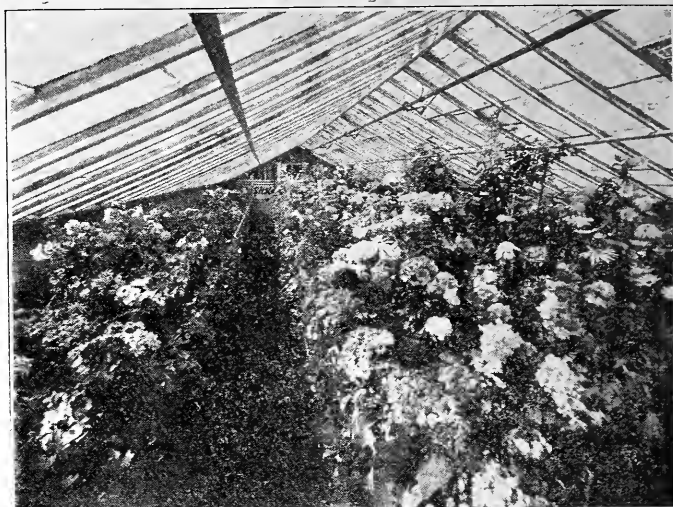
This picture is of Hollyhocks in our Nursery, as great for our many customers for this wonderful hardy perennial for Montana. The beds of these plants yearly draw exclamations of wonder and delight from the numerous visitors to our greenhouses and nursery grounds.



One of our several houses of Chrysanthemums—fall 1921. These wonderful fall flowers never fail to attract literally hundreds of visitors to our greenhouses in the fall. Several houses of these are grown for the cut flowers, and their beauty when in full bloom is hardly to be described—they must be seen to fully appreciate the gorgeous sea of blooms—in yellow—white and pink, many of the flowers of monstrous size.



A bed of Geraniums and Sweet Alyssum, north side of Lewis and Clark County Courthouse grounds, Helena, Mont., summer 1921. The many handsome and well cared for beds of summer flowers—with well kept lawns, in these grounds, are a source of pleasure to a large majority of the people of Helena, and are a credit not only to the Co. Commissioners but also to the gardener—Mr. Joe Pace.

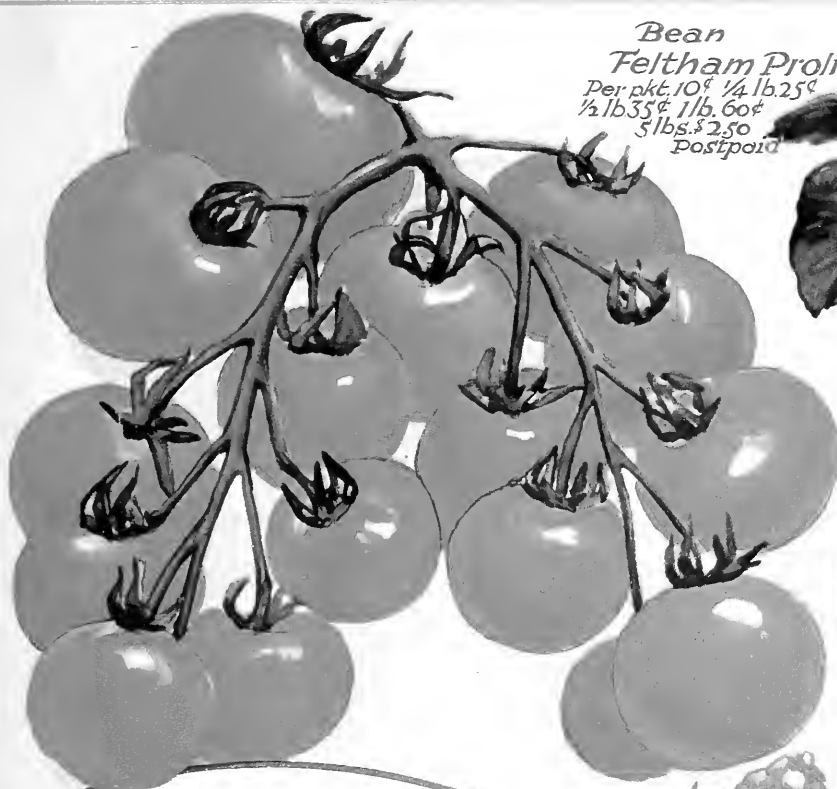


An interior view of two of our greenhouses—devoted to the growing of Miscellaneous pot plants. The continually growing demand from our customers in all parts of the state and surrounding territory, requires several of our greenhouses to produce the plants desired, and these houses are a never failing source of delight to many visitors—at all seasons of the year.



View in our Nursery—showing a block of young nursery stock. (Elevation 4400 feet.) This picture depicts the care and intensive cultivation practiced to produce the trees we offer, and no other Nursery can offer trees grown under the hardy rigorous conditions found on our grounds and location—at very foot of the eastern slope of the Great Continental Divide.

*Bean
Feltham Prolific*
Per pkt. 10¢ 1/4 lb. 25¢
1 lb. 35¢ 1 lb. 60¢
5 lbs. \$2.50
Postpaid

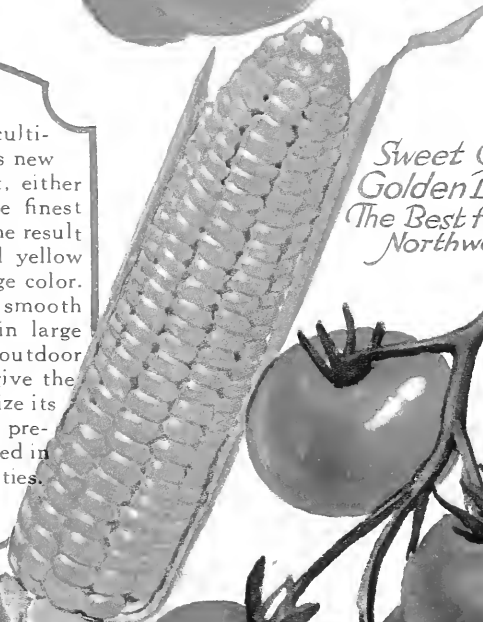


TOMATO ORANGE SUNRISE

Is one of the earliest and most prolific in cultivation, and after exhaustive trials of this new Tomato, leading specialists have stated that, either raw or cooked, Orange Sunrise possesses the finest flavor of any variety yet introduced. It is the result of a cross between the best of the red and yellow varieties, and bears fruit of a beautiful orange color. Possessing all the popular qualities of the smooth rounded form, medium size and appearing in large clusters, it is equally suitable for indoor and outdoor culture. We are convinced that all who give the Orange Sunrise Tomato a careful trial will realize its high value and that, notwithstanding popular prejudice in favor of red Tomatoes it will succeed in establishing itself as one of our leading varieties.

Pkt. 25c; 1/4 oz. \$1.50

*Sweet Corn
Golden Bantam*
The Best for the Northwest



TOMATO MARKET KING

Early and prolific: It is one of the finest tomatoes for indoor and outdoor culture ever introduced (matures quickly from seed). The Market King sets freely and is an immense cropper, yielding heavy bunches at short intervals all over the plant. Fruit smooth and of fine quality, medium in size and perfectly round. The color is bright scarlet and produces almost no seed. We question if any other variety would, in a given space, carry so heavy a crop, for this reason it is very valuable for market purposes. Market King has won many awards and prizes.

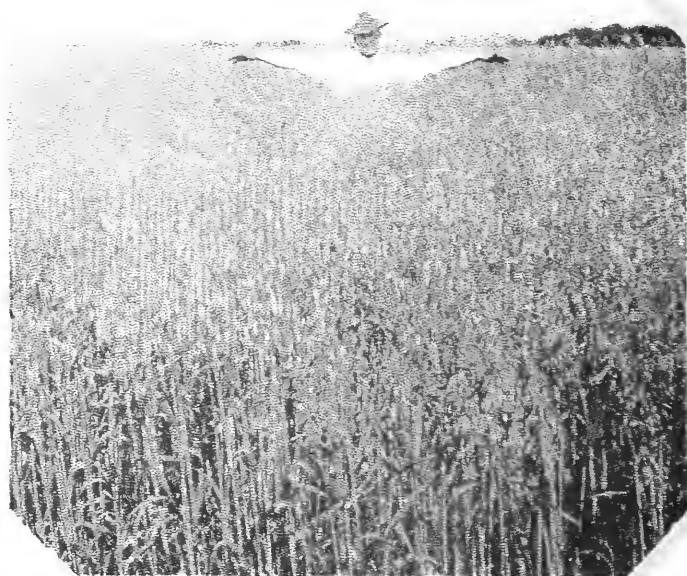
Pkt. 25c; 1/4 oz. \$1.50; 1/2 oz. \$2.75; 1 oz. \$5.00.



*An
unequaled rapid growing
variety for the Northwest*
*Cauliflower
Danish Perfection or
Extra Early Snowball*
Pkt. 25¢ 1/4 oz. \$1.25



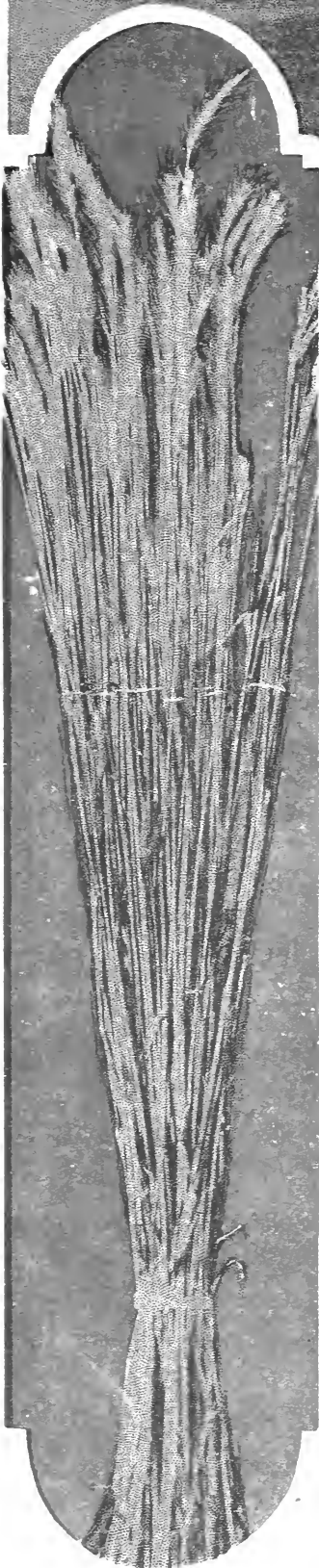
Alfalfa
GROWN FROM OUR "PEERLESS" SEED



Victory Oats
104 BUSHELS TO THE ACRE



Golden Millet
ON OUR TRIAL GROUNDS



*Amber
Fall Rye*



*Peerless
Timothy*

STATE NURSERY & SEED CO.
Helena Est. 1890 Montana